

Scotland's Rural College

## Consumer Demand for Potatoes in Scotland During Covid-19 Pandemic

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Print publication: 29/08/2023

### *Document Version*

Publisher's PDF, also known as Version of record

[Link to publication](#)

### *Citation for published version (APA):*

Leslie, M., & Revoredo-Giha, C. (2023). *Consumer Demand for Potatoes in Scotland During Covid-19 Pandemic*. Poster session presented at XVII EAAE Congress, August 29th – September 1st 2023, Rennes, France.

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# Conference Agenda

## Session Overview

Date: Tuesday, 29/Aug/2023

<p>1:45pm - 3:15pm</p>	<p><b>CPS1.1: Environmental Sustainability 1</b> Location: <b>SALLE 2</b> Chair: <b>Dr. Julie Subervie</b>, INRAE</p> <p><b>Mind your language: Political discourse affects deforestation in the Brazilian Amazon</b> <b>Oliveira, Gustavo Magalhaes de</b><sup>1,2</sup>; <b>Sellare, Jorge</b><sup>1</sup>; <b>Börner, Jan</b><sup>1,2</sup> 1: Center for Development Research (ZEF), University of Bonn, Germany; 2: Institute for Food and Resource Economics (ILR), University of Bonn, Germany</p>	<p><b>CPS10.1: EU Policy 1</b> Location: <b>SALLE 20</b> Chair: <b>Jan Falkowski</b>, University of Warsaw</p> <p><b>Will The New Common Agricultural Policy Be Greener? The Case of France</b> <b>Lassalas, Marie</b><sup>1</sup>; <b>Guyomard, Hervé</b><sup>2</sup>; <b>Chatellier, Vincent</b><sup>3</sup>; <b>Détang-Dessendre, Cécile</b><sup>4</sup>; <b>Dupraz, Pierre</b><sup>5</sup> 1: Institut Agro Rennes-Angers, INRAE, UMR SMART, Rennes, France; 2: INRAE, SADR, Rennes and INRAE, CODIR, Paris, France; 3: INRAE, UMR SMART, Nantes, France; 4: INRAE, UMR CESAER, Dijon and INRAE, CODIR, Paris, France; 5: INRAE, UMR SMART, Rennes, France</p>	<p><b>CPS11.1: Food Innovations &amp; Dietary Changes</b> Location: <b>SALLE 12</b> Chair: <b>Prof. Fabrice Etilé</b>, INRAE, Paris School of Economics</p> <p><b>Emerging Bio-based Alternatives: From Innovation Niches to Dominating Products?</b> <b>Tassinari, Gianmaria</b><sup>1,2</sup>; <b>Soregaroli, Claudio</b><sup>2</sup>; <b>Drabik, Dušan</b><sup>1</sup> 1: Agricultural Economics and Rural Policy Group, Wageningen University, Wageningen, the Netherlands; 2: Department of Agricultural and Food Economics, Università Cattolica del Sacro Cuore, Piacenza, Italy</p>	<p><b>CPS12.1: Consumer Behaviour</b> Location: <b>SALLE 21</b> Chair: <b>Prof. Julien Salanié</b>, University Jean Monnet</p> <p><b>Is it All Due to Peers? The Influence of Peers on Children's Snack Purchase Decisions</b> <b>Landwehr, Stefanie Christina</b>; <b>Hartmann, Monika</b> University of Bonn, Germany</p>
	<p><b>Agricultural Shocks, Coping Policies and Deforestation: Evidence from the Coffee Leaf Rust Epidemic in Mexico</b> <b>Oktem, Berk</b><sup>1</sup>; <b>Chort, Isabelle</b><sup>1,2</sup> 1: Université de Pau et des Pays de l'Adour, E2S UPPA, CNRS, TREE, Bayonne; 2: Institut Universitaire de France (IUF), Paris, France</p>	<p><b>What Does Drive the Allocation of Agri-environmental Funds? An Analysis of the 2014-2020 CAP Programming Period</b> <b>Pagliacci, Francesco</b><sup>1</sup>; <b>Zavalloni, Matteo</b><sup>2</sup> 1: University of Padua/Department of Land, Environment, Agriculture and Forestry (TESAF); 2: University of Urbino Carlo Bo, Italy</p>	<p><b>The Effects of Dietary Changes on Agricultural Incomes and Greenhouse Gas Emissions in Ireland and Denmark</b> <b>Geibel, Inna</b>; <b>Freund, Florian</b> Thuenen Institute for Market Analysis, Germany</p>	<p><b>Online Food Advertisements and the Role of Emotions in Adolescents' Food Choices</b> <b>Vecchi, Martina</b> The Pennsylvania State University</p>
	<p><b>Does land titling reduce deforestation? Evidence for the Brazilian Amazon</b> <b>Mastrangelo, Joao Paulo</b><sup>1</sup>; <b>Gori Maia, Alexandre</b><sup>2</sup> 1: Universidade Federal do Acre, Brazil; 2: Universidade Estadual de Campinas, Brazil</p>	<p><b>Is the Post-2022 Common Agricultural Policy More Environmental Ambitious Compared to Its Predecessor?</b> <b>Röder, Norbert</b><sup>1</sup>; <b>Grajewski, Regina</b><sup>1</sup>; <b>Lakner, Sebastian</b><sup>2</sup>; <b>Krämer, Christine</b><sup>1</sup>; <b>Matthews, Alan</b><sup>3</sup> 1: Thünen Institute, Germany; 2: Universität Rostock; 3: University of Dublin Trinity College</p>	<p><b>Removing Barriers to Plant-Based Diets: Assisting Doctors with Vegan Patients</b> <b>Arpinon, Thibaut</b>; <b>Espinosa, Romain</b> Université Rennes 1, France</p>	<p><b>Accounting for Consumer Heterogeneity in Rational Addiction to Food</b> <b>Reed, Joshua John</b><sup>1</sup>; <b>Jaenicke, Edward C</b><sup>1</sup>; <b>Liu, Yizao</b><sup>1</sup>; <b>Wang, Emily Yucui</b><sup>2</sup>; <b>Zeballos, Eliana</b><sup>3</sup> 1: Penn State University, United States of America; 2: University of Massachusetts, Amherst, United States of America; 3: United States Department of Agriculture, Economic Research Services</p>
	<p><b>Land-manager Preferences for Outcome-based Payments for Ecosystem Services in Oak Savannas</b> <b>Grando-Díaz, Rubén</b><sup>1,2</sup>; <b>Colombo, Sergio</b><sup>2,3</sup>; <b>Villanueva, Anastasio J.</b><sup>2,3</sup> 1: AGAPA-Andalusian Agency of Agricultural and Fisheries Management, Córdoba (Spain); 2: WEARE-Water, Environmental and Agricultural Resources Economics Research Group, Universidad de Córdoba (Spain); 3: IFAPA-Institute of Agricultural and Fisheries Research and Training, Granada (Spain)</p>	<p><b>Upscaling environmental incentives in the Common Agricultural Policy: an ex-ante evaluation method applied with the Farm Accountancy Data Network</b> <b>Le Gloux, Fanny</b>; <b>Dupraz, Pierre</b></p>	<p><b>Market Segmentation for Food Products with Microalgae Proteins</b> <b>Van der Stricht, Héléne</b>; <b>Verbeke, Wim</b>; <b>Hung, Yung</b> Ghent University, Belgium</p>	<p><b>Moving to the City and Food Preferences: Evidence from Ecuador</b> <b>Salanié, Julien</b><sup>1</sup>; <b>Zurita-Loma, Daniel Eduardo</b><sup>1,2</sup> 1: GATE Lyon Saint-Etienne, University Jean Monnet, France; 2: Universidad de Salamanca, Spain</p>

**Experimental Auctions to Set Forest Conservation Payments in the Brazilian Amazon**

**Demarchi, Gabriela<sup>1</sup>; Subervie, Julie<sup>1</sup>; Carrilho, Cauê<sup>2</sup>; Catry, Thibault<sup>3</sup>; Blundo-Canto, Genowefa<sup>4</sup>; Delacote, Philippe<sup>5</sup>**  
1: CEE-M. Univ. Montpellier, CNRS, INRAE, SupAgro, Montpellier, France; 2: Universidade de São Paulo, CIFOR-ICRAF; 3: ESPACE-DEV, Univ Montpellier, IRD, Univ Antilles, Univ Guyane, Univ Réunion, Montpellier, France; 4: CIRAD, UMR Innovation; 5: INRAE, UMR BETA

SMART, INRAE, L'Institut Agro Rennes-Angers, Rennes, France

**Can the Distribution of Agricultural Subsidies Affect Election Outcomes? Some Evidence on Farm Payments and Electoral Performance of a Peasant Party in Poland**

**Falkowski, Jan; Wójcik, Piotr**  
University of Warsaw, Poland

**CPS13.1: Consumer Preferences 1**  
Location: **GRAND AUDITORIUM**  
Chair: **Prof. Carlo Russo**, University of Cassino and Southern Lazio

**Do Mis-projections of Future Consumer Decisions in "recreated Experimental Supermarket Can be Reduced? An External Validity Study**

**de Magistris, Tiziana<sup>1</sup>; Lopez-Galán, Belinda<sup>2</sup>**  
1: Agro-food Technological Center of Aragon, Spain; 2: Centro Universitario de Defensa

**Persuasive Message as a Driver of Attitude and Intention Change? An Experimental Study on Meat Consumption**

**Mihaljčić, Teodora; Weingarten, Nina; Hartmann, Monika**  
University of Bonn, Germany

**Willingness To Pay For Animal Welfare Across Labels, Species And Time**

**Oehlmann, Malte<sup>1</sup>; Dolgoplova, Irina<sup>2</sup>; Neubig, Christina<sup>1</sup>; Roosen, Jutta<sup>1</sup>**  
1: Technical University of Munich, Germany; 2: Maastricht University, Netherlands

**Preferences of Organic Consumers for Suboptimal Fruits and Vegetables: A Discrete Choice Experiment**

**Jahnke, Benedikt<sup>1</sup>; Liebe, Ulf<sup>2</sup>**  
1: University of Kassel, Germany; 2: University of

**CPS14.1: Agricultural Labour**  
Location: **SALLE 18**  
Chair: **Dr. Neda Trifkovic**, University of Copenhagen

**Is Cocoa Production a Main Driver of Child Labor in Ghana?**

**Van den Broeck, Goedele; Akaribo, Freeman**  
University of Louvain, Belgium

**Decent And Equal Work In Agri-food Systems: Evidence From Peru**

**Fabry, Anna<sup>1</sup>; Schuster, Monica<sup>2</sup>; Maertens, Miet<sup>1</sup>**  
1: KU Leuven, Belgium; 2: FAO, Italy

**Health Coverage and Farmworker Productivity**

**Richards, Timothy James<sup>1</sup>; Rutedge, Zach<sup>2</sup>; Lowrey, John<sup>3</sup>**  
1: Arizona State University, United States of America; 2: Michigan State University, United States of America; 3: Northeastern University, United States of America

**Does Diversification Influence Farm-Level Employment and Farm Income Variability? Evidence From Swedish Agriculture**

**Miaris, Georgios; Hansson, Helena; Manevska Tasevska, Gordana**  
Swedish University of Agricultural Sciences

**Entrepreneurship And Human Capital Development In Children**

**Brandt, Kasper<sup>2</sup>;**

**CPS2.1: Climate Change 1**  
Location: **SALLE 3**  
Chair: **Dr. Charlotte Janssens**, KU Leuven

**Have Economists Really "let Down the World"? A Quantitative Overview of the Economic Literature on Climate Change**

**Henry, Loic**  
Université Paris Dauphine, France

**Extreme temperatures and inequality: Evidence from French agriculture**

**Ollier, Maxime<sup>1</sup>; Nedoncelle, Clément<sup>2</sup>**  
1: Zürich University of Applied Sciences (ZHAW), Switzerland; 2: Université Paris-Saclay, INRAE, AgroParisTech, PSAE, F-91120 Palaiseau, France

**The vulnerability of European Food markets to Concurrent and Recurrent Climate Extremes**

**Pieralli, Simone; Peréz Domínguez, Ignacio**  
European Commission Joint Research Centre, Spain

**Who Carries the Burden of Climate Change? Heterogeneous Impact of Droughts in Sub-Saharan Africa**

**Pignède, Edouard**  
University Paris-Saclay, France

**Sub-national Markets and International Trade: Key to understand Climate Change Adaptation in Eastern and Southern**

**CPS3.1: Cooperatives & Finance**  
Location: **SALLE 4**  
Chair: **Dr. Drini Imami**, Agriculture University of Tirana

**Assessing Digital Opportunities for the Distribution and Product Design of Agricultural Microinsurance in Mali - a Discrete Choice Experiment**

**Kirchner, Ella; Musshoff, Oliver**  
University of Göttingen, Germany

**The Effect of Warehouse Receipt Finance on Farmers' Terms of Trade: Evidence from India**

**Itin-Shwartz, Beata<sup>1</sup>; Kimhi, Ayal<sup>1,2</sup>**  
1: The Hebrew University of Jerusalem, Israel; 2: Shores Institute for Socioeconomic Research

**Inter-firm Relations And Resource-based Performance: A Contingent Relational View Of Small-scale Farmers In Zambia**

**Adetoyinbo, Ayobami; Mithöfer, Dagmar**  
Humboldt-Universität zu Berlin

**Preferences For (Digital) Credit Products In Rural Ghana Under The Special Consideration Of Time Preferences**

**Worbs, Hannah Sophie; Johnen, Constantin; Musshoff, Oliver**  
Georg August Universität

Warwick, UK

### Food Expensiveness In Remote Areas Of Scotland: A Natural Experiment Measuring The Out-Shopping Effect

**Russo, Carlo**<sup>1</sup>; Revoredo-Giha, Cesar<sup>2</sup>

1: University of Cassino and Southern Lazio, Italy; 2: Scotland's Rural College

### CPS4.1: Cropping Practices

Location: **SALLE 5**

Chair: **Dr. Ibirénoyé Honoré Sodjahn**, Université Grenoble Alpes

### Crop Diversity and Total Factor Productivity: A Semiparametric Estimation Approach

**Pröll, Simon**; Salhofer, Klaus; Eder, Andreas

University of Natural Resources and Life Sciences, Austria

### Accounting for Latent Cropping Management Practices Choices in Crop Production Models: a Random Parameter Hidden Markov Model Approach

**Devilliers, Esther**<sup>1</sup>; Koutchadé, Obafemi Philippe<sup>2</sup>; Carpentier, Alain<sup>2</sup>

1: UMR BETA, INRAE, Nancy (France); 2: UMR SMART, INRAE, Rennes (France)

### Does Zero Tillage Save or Intensify Production Costs? Evidence from Smallholders in Kyrgyzstan

**Tadjiev, Abdusame**<sup>1,2,3</sup>; Djanibekov, Nodir<sup>1</sup>

1: Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany; 2: Samarkand Branch of Tashkent State Agrarian University (SBTSAU); 3: Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIAME)-National Research University

### Variable Input Allocation Among Crops: A Time-Varying Random Parameters Approach

**Koutchade, Obafemi**

**Rutasitara, Longinus**<sup>3</sup>;

**Selejio, Onesmo**<sup>3</sup>;  
**Trifkovic, Neda**<sup>1</sup>

1: University of Copenhagen, Denmark; 2: Kraka Advisory; 3: University of Dar es Salaam

### CPS5.1: Chemical Inputs 1

Location: **SALLE 6**

Chair: **Alain Carpentier**, INRAE

### Economics of Herbicide-free Crop Production

**Ziehmman, Eileen Joana**<sup>1</sup>; Möhring, Niklas<sup>2</sup>; Finger, Robert<sup>1</sup>

1: ETH Zürich, Switzerland; 2: CNRS and La Rochelle Université, France

### Integrating Nature-based Solutions into Agricultural Production Strategy: Insights from a Case of Study in France

**Faure, Jerome**<sup>1,2</sup>; Gaba, Sabrina<sup>2,3</sup>; Mouysset, Lauriane<sup>1,4</sup>

1: Centre national de la recherche scientifique (CNRS), France; 2: Centre d'études biologiques de Chizé (CEBC), France; 3: Institut national de recherche pour l'agriculture, l'alimentation et l'environnement (INRAE), France; 4: Centre international de recherche sur l'environnement et le développement (CIRED), France

### Result-oriented Versus Input-oriented Instruments: the Case of Pest Resistance to Pesticides.

**Barro, Safiatou**<sup>1</sup>; Martin, Elsa<sup>2</sup>; Legras, Sophie<sup>3</sup>

1: I'UMR CESAER, Institut Agro Dijon, Universités Bourgogne Franche Comté, France; 2: I'UMR CESAER, Institut Agro Dijon, Universités Bourgogne Franche Comté, France; 3: I'UMR CESAER, Institut Agro Dijon, Universités Bourgogne Franche Comté, France

### Strategies for Controlling Pests in Perennial Crops: Can Monitoring Replace

**Africa**

**Janssens, Charlotte**;  
**Maertens, Miet**; Havlik, Petr  
KU Leuven, Belgium

### CPS6.1: Livestock Production

Location: **SALLE 13**

Chair: **Prof. Cristina AM Salvioni**, University of Chieti-Pescara

### Resilience To Extreme Heat In Dairy Production: Evidence From Israel

**Palandri, Claire**<sup>1</sup>; Fishman, Ram<sup>2</sup>; Frank, Eyal<sup>1</sup>; **Kimhi, Ayal**<sup>3</sup>; Lavon, Yaniv<sup>4</sup>; Adin, Gaby<sup>5</sup>

1: University of Chicago, US; 2: Tel Aviv University, Israel; 3: Hebrew University, Israel; 4: Israeli Cattle Breeders' Association, Israel; 5: Israeli Ministry of Agriculture, Israel

### Trade-offs Between Environmental, Social and Economic Sustainability Impacts of Dairy Feeding Systems: The Role of Farmers' Identities

**Oyinbo, Oyakhilomen**;

**Hansson, Helena**  
Swedish University of Agricultural Sciences, Sweden

### The Impacts of Environmental targets on the Livestock Sector: an assessment tool applied to Italy

**Dell'Unto, Davide**; **Dono, Gabriele**; **Cortignani, Raffaele**

University of Tuscia, Italy

### Determinants of Biosecurity Adoption: Evidence of Spillover Effects in a Spatial Autoregressive Multivariate Probit

**Rault, Arnaud**<sup>1</sup>;  
**Koutchadé, Obafemi Philippe**<sup>2</sup>; **Osseni, Abdel Fawaz**<sup>3</sup>

1: Oniris, INRAE, BIOEPAR, 44300, Nantes, France; 2: INRAE, Institut Agro, SMART, 35000, Rennes,

Göttingen, Germany

### Treatment Effect Heterogeneity of Farmers Participating in Cooperative

**Imami, Drini**<sup>1</sup>; **Xhoxhi, Orjon**<sup>1</sup>; **Herzfeld, Thomas**<sup>2</sup>; **Rakhmetov, Rustam**<sup>2</sup>; **Babayan, Davit**<sup>3</sup>

1: Agriculture University of Tirana, Albania; 2: IAMO; 3: MinAgro

### CPS7.1: Farm Behaviour

Location: **SALLE 14**

Chair: **Prof. Liesbeth Colen**, University of Göttingen

### Farmers' Stage of Behavioural Change in Intercropping Adoption: an Application of the Transtheoretical Model

**Ha, Thanh Mai**;  
**Tasevska, Gordana Manevska**; **Weih, Martin**; **Hansson, Helena**

Swedish University of Agricultural Sciences, Sweden

### What Happens When Everyone Knows Behavioral Economics?

### Implications for the Future of Behavioral Science-Based Interventions in Agricultural and Agri-Environmental Policymaking

**Shukla, Pallavi**  
Deakin University, Australia

### Quantifying the Economic Importance of Farmers' Behavioral Factors in Ex-ante Assessments of Policies Supporting Sustainable Farming Practices

**Huber, Robert**; **Kreft, Cordelia**; **Späti, Karin**; **Finger, Robert**  
Agricultural Economics and Policy ETH Zürich, Switzerland

### Innovativeness, Innovation Adoption And Priming: Nudging Farmers In A Large-Scale Randomized Experiment In France

**Philippe; Carpentier, Alain; Femenia, Fabienne**  
INRAE, Institut Agro, SMART, 35000, Rennes, France

### Using Farm Cost Accounting Data To Estimate Crop Rotation Effects: An Approach Based On a Smooth Mathematical Program with Equilibrium Constraints

**Sodjahn, Ibirénoyé Honoré<sup>1</sup>; Femenia, Fabienne<sup>2</sup>; Carpentier, Alain<sup>2</sup>; Gohin, Alexandre<sup>2</sup>**  
1: Universite Grenoble Alpes, France; 2: INRAE, Institut Agro, SMART, 35000 Rennes France

### Pesticides ?

**Ay, Jean-Sauveur; Bernard, Olga; Gozlan, Estelle**  
Inrae, France

### A Tax-and-Refund System for Reducing Pesticide Use in EU Agriculture: Promising Simulation Results for the French Arable Crop Sector

**Carpentier, Alain<sup>1</sup>; Femenia, Fabienne<sup>1</sup>; Koutchadé, Philippe<sup>1</sup>; Guyomard, Hervé<sup>2</sup>**  
1: INRAE, Institut Agro Rennes-Angers, UMR SMART, F-35000, Rennes, France; 2: INRAE, SDAR, F-35650, Le Rheu, France

France; 3: Institut de l'Elevage, 35000 Rennes, France

### Optimal Exotic Livestock Disease Reporting Strategy

**Salvioni, Cristina AM; Vitale, Paolo**  
University of Chieti-Pescara, Italy

**Bougherara, Douadia<sup>1</sup>; Gosset, Léa<sup>2</sup>; Préget, Raphaële<sup>1</sup>; Thoyer, Sophie<sup>1</sup>**

1: CEE-M, Univ Montpellier, CNRS, INRAE, Institut Agro, Montpellier, France.; 2: UMR MOISA, Univ Montpellier, CIRAD, Institut Agro, Montpellier, France.

### The Potential of Nudges in Agricultural and Food Policy – What do Swedish Farmers Think?

**Colen, Liesbeth<sup>1</sup>; Englberger, Leon<sup>2</sup>; Rommel, Jens<sup>2</sup>**  
1: Department of Agricultural Economics and Rural Development, University of Göttingen, Germany; 2: Department of Economics, Swedish University of Agricultural Sciences, Uppsala, Sweden

### CPS8.1: Food Systems

Location: **HORIZONS**  
Chair: **Christian Elleby**, European Commission

### Upcycling By-products And Agricultural Residues As Animal Feed In The EU Decreases Environmental Pressures Of Livestock But Affects Agricultural Wages And Food Affordability in 2030

**Gatto, Alessandro**  
Wageningen University, Netherlands, The

### Towards More Modernized Food Systems With Better Nutrition and Affordability Outcomes: an Ex-ante CGE Analysis

**Smeets Kristkova, Zuzana<sup>1,2</sup>; Dominguez Viera, Marcos<sup>1</sup>; de Lange, Thijs<sup>1</sup>; Achterbosch, Thom<sup>1</sup>**  
1: Wageningen Economic Research, Netherlands, The; 2: Czech University of Life Sciences in Prague

### Sustainable Management of Fish Stocks: Impacts on Catches and the Global Agri-food Markets

**Elleby, Christian; Domínguez, Ignacio Pérez**  
European Commission, Spain

### CPS9.1: Trade - Geographical Indication & Wine

Location: **SALLE 19**  
Chair: **Chiara Falco**, UNIMI

### Make a toast with wine Geographical Indications

**Vaquero Pineiro, Cristina<sup>1</sup>; Giua, Mara<sup>1</sup>; Salvatici, Luca<sup>1</sup>; Solazzo, Roberto<sup>2</sup>**  
1: Roma Tre University, Italy; 2: CREA-Centro di ricerche Politiche e Bio-economia

### The Impact Of Geographical Indications On Farms' Performance. An Empirical Analysis Of The EU Vineyard Sector

**Antonioli, Federico**  
Joint Research Centre - European Commission, Spain

### The Bad and Good Sides of the Nutri-Score Label: The Impact on Retail Prices of Food with Geographical Indication

**Stiletto, Alice<sup>1</sup>; Cembalo, Luigi<sup>2</sup>; Trestini, Samuele<sup>1</sup>**  
1: University of Paodva, Italy; 2: University of Naples Federico II, Italy

### Collective Reputation Effects: Empirical Evidence from the

### PSTR1.1: Bio and Blue Economy

Location: **SCREEN 1**  
Chair: **Dr. Nina Graveline**, INRAE

### Measuring the forest-based bioeconomy in Estonia, Latvia, Lithuania, and Finland

**Tetere, Vineta; Peerlings, Jack**  
Wageningen University and Research, Netherlands, The

### Assessing the Externalities of Small-scale Fisheries: The Recreational Value of Artisanal Ports

**Ceccacci, Alberto<sup>1</sup>; Lopes, Ana Faria<sup>2</sup>; Mulazzani, Luca<sup>1</sup>; Malorgio, Giulio<sup>1</sup>**  
1: University of Bologna; 2: Christian-Albrecht University of Kiel

### Changes In The Electricity Production From Biogas In The European Union On The Background Of The World In The Aspect Of Environmental Protection And Bioeconomy Strategy

**Bórawski, Piotr<sup>1</sup>; Bedycka-Bórawska, Aneta<sup>2</sup>; Rokicki, Tomasz<sup>3</sup>; Holden, Lisa<sup>4</sup>**  
1: University of Warmia and Mazury in Olsztyn, Poland, Poland; 2: University of Warmia and Mazury in

### PSTR2.1: Cooperatives and Extension Services

Location: **SCREEN 2**  
Chair: **Dr. Eustadius Francis Magezi**, Tohoku University

### A Review of Cooperative Performance Measurement Indicators Using Bibliometrix R-tool

**Kinikli, Filiz<sup>1,2</sup>; Yercan, Murad<sup>2</sup>**  
1: Swedish University of Agricultural Sciences (SLU), Sweden; 2: Ege University, Department of Agricultural Economics, Turkey

### Governance Dynamics of Cooperatives Federations: A Conceptual Framework

**Cadot, Julien<sup>1</sup>; Cook, Michael<sup>2</sup>; Declerck, Francis<sup>3</sup>; Jeanneaux, Philippe<sup>4</sup>**  
1: ISG International Business School, France; 2: University of Missouri; 3: Essec Business School; 4: VetAgro Sup

### Do Targeted Extension Interventions Empower Women Farmers? Empirical Evidence from India

**Krishna, Vijesh V<sup>1</sup>;**

## **An Analysis of the Household Demand for Fish in Scotland**

**Rathnayaka, Shashika Dilini<sup>1</sup>; Revoredo Giha, Cesar<sup>2</sup>; De Roos, Baukje<sup>1</sup>**

1: The Rowett Institute, University of Aberdeen, United Kingdom; 2: Rural Economy, Environment and Society Department, Scotland's Rural College (SRUC), United Kingdom

## **Animal Food Demand Elasticities Across World Regions: A Meta-Analysis**

**Bouyssou, Clara G.; Jensen, Jørgen Dejgård; Yu, Wusheng**  
University of Copenhagen, Denmark

## **Wine Market**

**Rroshi, Daniela<sup>1</sup>; Pennerstorfer, Dieter<sup>2</sup>; Weiss, Christoph<sup>1</sup>**

1: Vienna University of Economics and Business, Austria; 2: Johannes Kepler University of Linz

## **Evaluating Socio-Economic Impacts of GIs on Rural Areas**

**Raimondi, Valentina<sup>1</sup>; Curzi, Daniele<sup>1</sup>; Arfini, Filippo<sup>2</sup>; Olper, Alessandro<sup>1</sup>; Falco, Chiara<sup>1</sup>**

1: UNIMI, Italy; 2: UNIPR, Italy

Olstzyn, Poland, Poland; 3: Warsaw University of Life Science, Poland; 4: Pennsylvania State University, the USA

## **Mapping The Italian Knowledge And Innovation System For Bioeconomy (KISB): Actors And Their Connections**

**Rinaldi, Giacomo Maria; Viaggi, Davide**  
Università di Bologna, Italy

## **European Bioeconomy Policy: Impacts on Low-income Countries in Light of the Sustainable Development Goals**

**Wilts, Rienne<sup>1</sup>; Börner, Jan<sup>1,2</sup>; Britz, Wolfgang<sup>1</sup>**

1: Institute of Food and Resource Economy, University of Bonn, Germany; 2: Center for Development Research, University of Bonn, Germany

## **A Comparative Analysis from Social and Private Perspective of Water Pricing and Water Quotas in the Agricultural Sector**

**Valle-García, Ángela; Gutiérrez-Martín, Carlos; Montilla-López, Nazaret M.**  
University of Cordoba, Spain, Spain

## **The Impact Of Overexploitation Of Groundwater Resources On The Resilience Of Agricultural Farms In A Semi-Arid Zone**

**Nsiri, Nour<sup>1,2,3</sup>; Zaatra, Abderraouf<sup>1</sup>; Drogué, Sophie<sup>2,3</sup>; Belhouchette, Hatem<sup>1</sup>; Kleftodimos, Georgios<sup>1</sup>**

1: CIHEAM-IAMM, France; 2: SupAgro; 3: UMR MoISA

## **Water Scarcity And Consumer Behaviour: How To Reduce The Water Footprint Of Food Consumption.**

**Frola, Enrica Nadia; Cavaliere, Alessia; De Marchi, Elisa; D'Alessandro, Felice; Banterle, Alessandro**  
Università degli Studi di Milano, Italy

## **Combining Modelling and Participation to Build Agricultural**

**Veettil, Prakashan C<sup>2</sup>; Jose, Monish<sup>3</sup>; Surendran-Padmaja, Subash<sup>1,4</sup>; Iftikar, Wasim<sup>1</sup>**

1: International Maize and Wheat Improvement Center (CIMMYT), India; 2: International Rice Research Institute (IRRI), India; 3: Kerala Institute of Local Administration (KILA), India; 4: Center for Development Research, University of Bonn, Germany

## **How Do Farmers Mobilize Advisory Services For Different Types Of Decisions?**

**Moeyersons, Mertijn<sup>1</sup>; Wauters, Erwin<sup>2</sup>; Mathijs, Erik<sup>1</sup>**

1: KU Leuven, Belgium; 2: ILVO, Belgium

## **Cooperative Membership and Farmers' Environment-Friendly Practices: Evidence from Fujian, China**

**Yu, Liyan<sup>1</sup>; Nilsson, Jerker<sup>2</sup>; Li, Yongyan<sup>3</sup>; Guo, Minghao<sup>4</sup>**

1: College of Economics and Management, Fujian Agriculture and Forestry University, China; 2: Department of Economics, Swedish University of Agricultural Sciences; 3: College of Economics and Management, Fujian Agriculture and Forestry University, China; 4: College of Economics and Management, Fujian Agriculture and Forestry University, China

## **What Contribution of Agricultural Cooperatives to the Transformation of Agri-Food Systems in Côte d'Ivoire?**

**Djina, Djolo Jean Marc Junior**  
Institut Agro de Montpellier, Côte d'Ivoire

## **The Impact of Rice Cultivation Training Program and Its Spillover Effect: The Case of Rainfed Areas in Tanzania**

**Nakano, Yuko<sup>1</sup>; Magezi, Eustadius Francis<sup>2</sup>**

1: Tsukuba University, Japan; 2: Tohoku University, Japan

## Adaptation Strategies in Water Stressed Territories

Graveline, Nina<sup>1</sup>; Alix, Alexandre<sup>1</sup>; Debolini, Marta<sup>3</sup>; Dorchies, David<sup>2</sup>; Erdlenbruch, Katrin<sup>4</sup>; Le Gallo, Juliette<sup>1</sup>; Loubier, Sébastien<sup>2</sup>; Touzard, Jean-Marc<sup>1</sup>

1: IINNOVATION, Univ Montpellier, CIRAD, INRAE, Institut Agro, Montpellier, France; 2: G-EAU, Univ Montpellier, CIRAD, INRAE, Institut Agro, Montpellier, France; 3: Emmah, INRAE, Avignon, France; 4: CEE-M, Univ Montpellier, INRAE, CNRS, Montpellier, France

## PSTR3.1: Farm Structure

Location: **SCREEN 3**  
Chair: **Dr. Svetlana Renner**, Agroscope Research Institute

### Farm Structure and Spatial Information On Farm Exits in Germany

Neuenfeldt, Sebastian<sup>1</sup>; Storm, Hugo<sup>3</sup>; Heckelei, Thomas<sup>2</sup>; Gocht, Alexander<sup>1</sup>

1: Johann Heinrich von Thünen Institute, Germany; 2: University of Bonn, Institute for Food- and Resource Economics, Germany; 3: University of Bonn, Junior Research Group, Germany

### Personal Experience Of Successors During Farm Transfer In French Cattle Farming

Latruffe, Laure<sup>2</sup>; Blache, Nolwenn<sup>1</sup>; Desjeux, Yann<sup>2</sup>; Jeanneaux, Philippe<sup>1</sup>

1: VetAgro Sup, Université Clermont Auvergne, INRAE, UMR Territoires, F-63370 Lempdes; 2: INRAE, Univ. Bordeaux, CNRS, BSE, UMR 6060, F-33600 Pessac

### How Digital Communications Contribute to Shaping the Career Paths of Youth: a Review Study Focused on Farming as a Career Option

Unay-Gailhard, Ilkay<sup>1,2</sup>; A. Brennen, Mark<sup>2</sup>

1: Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany; 2: The Pennsylvania State University (PSU), USA

### Young Farmer's Participation in Knowledge Commoning? Moving

## PSTR4.1: Land Markets and Geographical Indications

Location: **SCREEN 4**  
Chair: **Dr. Shinsaku Nakajima**, Meiji University

### Exploring The Effects Of Urban Growth On Farmland Prices: An Agent-Based Model Approach

Fromage, Mathilde; Piet, Laurent  
SMART, INRAE, Institut Agro Rennes-Angers, 35000, Rennes, France

### Exploring the Potential of Geographical Indications for Green Innovation in European Regions

Stranieri, Stefanella<sup>1</sup>; Zilia, Federico<sup>1</sup>; Orsi, Luigi<sup>1</sup>; De Noni, Ivan<sup>2</sup>; Olper, Alessandro<sup>1</sup>

1: University of Milan, Italy; 2: University of Padua, Italy

### Modelling Geographical Indications At The Regional Level: CGEBox Results From The BATModel Project

Hagemejer, Jan; Zanhouo, Karim; Zawalińska, Katarzyna

CASE - Center for Social and Economic Research

### Climate Change and Geographical Indications. What Drives Farmers to Adapt?

Pagliacci, Francesco; Salpina, Dana  
Università di Padova, Italy

### Has the Process of Consolidation Impacted Farmland Rent in Slovakia?

## PSTR5.1: Policy Analysis 2

Location: **SCREEN 5**  
Chair: **Dr. Jack Peerlings**, Wageningen University and Research

### Is the European Non-Financial Reporting Directive effective in the Spanish agri-food sector?

Anguiano-Santos, Carlos; Salazar-Ordóñez, Melania; Rodríguez-Entrena, Macario  
Universidad de Córdoba, Spain

### Assessing Soybean Sustainable Intensification Pathways in Uruguay Using a Spatial Model Framework

Borges, Magdalena<sup>3</sup>; Ferraro, Bruno<sup>1</sup>; Fernández, Enrique Genaro<sup>1</sup>; Rava, Catalina<sup>2</sup>; Lanfranco, Bruno Antonio<sup>1</sup>

1: Instituto Nacional de Investigación Agropecuaria (INIA Uruguay), Uruguay; 2: PhD student, Wageningen University & Research, NL; 3: Ministerio de Ganadería, Agricultura y Pesca (MGAP), Uruguay

### The Concept of a Circular Economy Applied to Agriculture. A Preliminary Step for the Assessment of EU Farms Circularity

Escobar Jaramillo, Diana Lucia<sup>1</sup>; Sckokai, Paolo<sup>1</sup>; Coderoni, Silvia<sup>2</sup>

1: Università Cattolica del Sacro Cuore, Italy; 2: Università degli Studi di Teramo, Italy

### Analysis of Mineral Nitrogen Fertiliser Use in Germany between

## PSTR6.1: Sustainability Analysis

Location: **SCREEN 6**  
Chair: **Claudia Stefania Gondos**, Università Cattolica del Sacro Cuore

### Assessing the Impact of Sustainable Practices and Alternative Food Networks on Agronomic Performance: The Case of French Greenhouse Tomato Producers

Enjolras, Geoffroy<sup>1</sup>; Aubert, Magali<sup>2</sup>

1: CERAG, Université Grenoble Alpes, France; 2: UMR MOISA, INRAE, Montpellier, France

### Sustainability Analysis Of Italian Agri-Food Firms: The "Io Sono Friuli Venezia Giulia" Brand Case Study

Bertossi, Alberto; Troiano, Stefania; Marangon, Francesco  
University of Udine, Udine, Italy

### Towards More Sustainable Animal-feed Alternatives. Introducing Insect Meal in Poultry and Pig Feed.

Mustapa, Muhammad Adzran Che; Kallas, Zein  
CREDA-UPC-IRTA Center for Agro-Food Economics and Development, Spain

### A Benchmarking Framework of Optimized Sustainability Standards for Local

**Towards Resilience and Social Innovation Capacity Building in Agri-food Systems**

**Horta Parreira, Maria João**  
Interdisciplinary Centre of Social Sciences (CICS.NOVA), Faculty of Social Sciences and Humanities (NOVA FCSH), The Centre for Natural Resources, Environment and Society (CERNAS), Polytechnic Institute of Coimbra, Portugal

**Does Farm Ownership Structure Matter? Distribution of CAP Subsidies Across Primary and Final Beneficiaries in Slovakia**

**Pokrivcak, Jan<sup>1</sup>; Toth, Marian<sup>1</sup>; Ciaian, Pavel<sup>2</sup>; Juliny, Mario<sup>3</sup>**

1: Slovak University of Agriculture in Nitra, Slovak Republic; 2: European Commission, Joint Research Centre (JRC), Seville; 3: Institute of Agricultural Policy, Ministry of Agriculture and Rural Development in Slovakia

**The Sociotechnical Transition in The Vietnam Pig Value Chain: The Emergence of Mega Farms**

**Nguyen, Tuan; Moustier, Paule**

Cirad, France

**Perception of CSR Behaviour in Large Agricultural Holdings: Case Study on the Czech Republic**

**Šimpachová Pechrová, Marie; Šimpach, Ondřej**  
Institute of Agricultural Economics and Information, Czech Republic

**New Insights into the Determinants of Off-farm Labour Decisions of Swiss Farm Families by Identifying both Within- and Between-Effects**

**Schmid, Dierk; Renner, Svetlana; Daniel, Hoop**  
Agroscope Research Institute, Switzerland

**Drabik, Dušan<sup>1</sup>; Košařová, Jaroslava<sup>2</sup>**

1: Wageningen University, Netherlands, The; 2: Slovak University of Agriculture in Nitra, Eslovaquia

**Local Versus Central Public Land Governance: Evidence From The Spatial Analysis of Land Auctions In Ukraine**

**Neyter, Roman; Nivievskiy, Oleg**  
Kyiv School of Economics, Ukraine

**Do good intentions make good policy? Illegal tenure status in South Korea**

**Choi, Jiseon; Jodlowski, Margaret Christine**  
The Ohio State University, United States of America

**Conflicting Preferences Over (Agricultural) Land Use in the Multifunctional Countryside – the Perspective of Farmers**

**Milczarek-Andrzejewska, Dominika<sup>1</sup>; Waś, Adam<sup>2</sup>; Czarnecki, Adam<sup>3</sup>; Kobus, Paweł<sup>2</sup>; Malak-Rawlikowska, Agata<sup>2</sup>; Rawa, Grzegorz<sup>2</sup>; Widła-Domaradzki, Łukasz<sup>4</sup>**

1: Faculty of Economic Sciences, University of Warsaw, Poland; 2: Institute of Economics and Finance, Warsaw University of Life Sciences - SGGW, Poland; 3: Institute of Rural and Agricultural Development, Polish Academy of Sciences, Warsaw, Poland; 4: The Robert Zajonc Institute for Social Studies, University of Warsaw, Warsaw, Poland

**The Capitalization of Agricultural Subsidies into Farmland Rental Prices in Japan**

**Nakajima, Shinsaku<sup>1</sup>; Tetsuji, Senda<sup>2</sup>; Takeshi, Fujie<sup>1</sup>**

1: Meiji University, Japan; 2: Kyoto University, Japan

**2017 and 2022 – Implications for Policy Design**

**Lów, Philipp<sup>1,2</sup>; Söder, Mareike<sup>1</sup>; Osterburg, Bernhard<sup>1</sup>**

1: Coordination Unit Climate and Soil, Thünen Institute, Braunschweig, Germany; 2: Plant Nutrition and Crop Physiology, Department of Crop Science, University of Göttingen, Göttingen, Germany

**Potential Impact Of Brexit On Fruits And Vegetables Purchases In Scotland**

**Dogbe, Wisdom<sup>1</sup>; Revoredo-Giha, Cesar<sup>2</sup>**  
1: University of Aberdeem, United Kingdom; 2: Scotland's Rural College, Edinburgh, United Kingdom

**Public Choice Perspective on the Dutch Nitrogen Crisis**

**Peerlings, Jack; Dries, Liesbeth**  
Wageningen University and Research, Netherlands, The

**Agri-Food Clusters in the Mediterranean Region**

**El Khechen, Reem<sup>1</sup>; Prospero, Paolo<sup>1</sup>; Camanzi, Luca<sup>2</sup>**

1: CIHEAM-IAMM, UMR MoISA, F-34093, Montpellier, France - MoISA, Univ Montpellier, CIHEAM-IAMM, CIRAD, INRAE, Institut Agro, IRD, Montpellier, France; 2: Department of Agricultural and Food Sciences, Alma Mater Studiorum – Università di Bologna, Bologna, Italy Viale Giuseppe Fanin, 50, 40127 Bologna-Italy

**Internalizing The True Costs Into Food Prices To Steer Towards A More Sustainable Food Consumption - Modelling The Effects Of Internalizing The True Costs Of Food For The Case Of Germany**

**Schmid, Carlo<sup>1</sup>; Messmann, Lukas<sup>2</sup>; Michalke, Amelie<sup>3</sup>; Wieck, Christine<sup>1</sup>; Feuerbacher, Arndt<sup>1</sup>**  
1: University of Hohenheim, Germany; 2: University of Augsburg, Germany; 3: University of Greifswald, Germany

**Developing Farm-Level WEF E Nexus Composite Indicator: Application For Olive Producers In Crete**

**Halytsia, Olha; Vrachioli, Maria; Sauer, Johannes**  
Technical University of Munich, Germany

**New Business Models in the Agri-Food Sector in the Context of Sustainability Transition**

**Mili, Samir**  
Spanish National Research Council (CSIC), Spain

**Sustainability Assessment of the Food Supply Chains. A Synthetic Index Proposal**

**Guadarrama Fuentes, Omar Vicente<sup>1</sup>; Menéndez i Molist, Adrià<sup>1</sup>; Kallas, Zein<sup>1</sup>; Puig de Morales,**



**Maite<sup>2</sup>; Noutfiac, Younés<sup>3</sup>; Ouabouchd, Hassan<sup>4</sup>**  
1: CREDA-UPC-IRTA, Spain; 2: CIHEAM-IAMM, France; 3: INRA, Morocco; 4: Hassan II University, Morocco

**Understanding the Determinants of Sustainability Strategies in the Beef Value Chain**

**Marschner, Stella; Orsi, Luigi; Olper, Alessandro; Stranieri, Stefanella**  
Università degli Studi di Milano, Italy

**Environmental and Economic Performance in Italian Dairy Farming – A Descriptive Analysis across Different Altitude Zones**

**Gondos, Claudia Stefania<sup>1</sup>; Castellari, Elena<sup>1</sup>; Wall, Alan<sup>2</sup>; Bravo-Ureta, Boris E.**<sup>3</sup>  
1: Department of Agricultural and Food Economics, Università Cattolica del Sacro Cuore, Piacenza, Italy; 2: Department of Economics and Oviedo Efficiency Group, University of Oviedo, Spain; 3: Department of Agricultural and Resource Economics, University of Connecticut-Storrs, U.S.A.

3:15pm - 3:45pm	<b>BR1: Refreshments break</b>
3:45pm - 4:45pm	<b>OPEN: Congress Opening Session</b> Location: <b>GRAND AUDITORIUM</b> Welcome word by Chantal Le Mouel, head of the Local Organising Committee, and Miet Maertens, head of the Program Committee. Lectures by Catherine Geslain-Laneelle, Director for strategy and policy analysis DG Agri European Commission, and Arnaud Degoulet, La Coopération Agricole.
4:45pm - 6:15pm	<b>PL1: Presidential Address and the Relevance of Agricultural Economics</b> Location: <b>GRAND AUDITORIUM</b> Chair: <b>Prof. Paolo Sckokai</b> , Università Cattolica  <b>Product Appeal, Sensory Perception and Consumer Demand (Presidential address)</b> <b><u>Roosen, Jutta</u></b> Technical University of Munich, Germany  <b>On the Policy Relevance of Agricultural Economics</b> <b><u>Just, David</u></b> Cornell University, USA
6:30pm - 9:00pm	<b>SOC1: Welcome reception</b>

<p>9:00am - 10:30am</p>	<p><b>CPS1.2: Environmental Sustainability 2</b> Location: <b>SALLE 2</b> Chair: <b>Prof. Aliza Fleischer</b>, Hebrew University of Jerusalem</p> <p><b>The Dilemma of Urban Green Spaces: Improved Ecosystem Services or Smooth Traffic?</b></p> <p><b>Tuffery, Laetitia<sup>1</sup>; Anougmar, Soukaina<sup>3</sup>; Bayramoglu, Basak<sup>2</sup>; Cantuarias, Carmen<sup>1</sup>; David, Maia<sup>2</sup></b> 1: ESPI2R, France; 2: PSAE, INRAE, Agroparistech, Université Saclay, France; 3: University of Antwerp</p>	<p><b>CPS10.2: EU Policy 2</b> Location: <b>SALLE 20</b> Chair: <b>Alexandre Gohin</b>, inrae</p> <p><b>Evaluating Policy Options To Prevent Unfair Trading Practices In Agri-Food Supply Chains. Countervailing Power Vs. Practice Bans</b></p> <p><b>Russo, Carlo<sup>1</sup>; Cacchiarelli, Luca<sup>2</sup>; Menapace, Luisa<sup>3</sup>; Sorrentino, Alessandro<sup>2</sup></b> 1: University of Cassino and Southern Lazio, Italy; 2: Tuscia University, Italy; 3: Technical University of Munich, Germany</p>	<p><b>CPS12.2: Consumer Health</b> Location: <b>SALLE 21</b> Chair: <b>Prof. Monika Hartmann</b>, Universität Bonn</p> <p><b>Financially Progressive or Regressive for Health? a Case Study on the Sugar Sweetened Beverages Market and the Sugar Tax in Italy</b></p> <p><b>Tiboldo, Giulia; Castellari, Elena; Moro, Daniele</b> Università Cattolica del Sacro Cuore, Italy</p>	<p><b>CPS13.2: Consumer Preferences 2</b> Location: <b>SALLE 12</b> Chair: <b>Dr. Andreas Drichoutis</b>, Agricultural University of Athens</p> <p><b>Consumers' Willingness to Pay and Factors Affecting Demand for Food Products from Circular Farming: Open-ended Choice Experiments Across Six EU Countries</b></p> <p><b>Li, Shanshan<sup>1,2</sup>; Kallas, Zein<sup>1,2</sup>; Ornelas, Selene<sup>1,2</sup>; Pereira, Edilene<sup>3</sup>; Behrendt, Lena<sup>4</sup>; Hajdu, Zoltán<sup>5</sup>; Michels, Evi<sup>6</sup>; Meers, Erik<sup>6</sup></b> 1: Polytechnic University of Catalonia, Spain; 2: CREDA-UPC-IRTA Centre for Agro-food Economy &amp; Development; 3: IRTA Institute of Agri-food Research and Technology; 4: THU Thünen Institute of Farm Economics; 5: SOLTUB Soltub Trade and Service Providing Limited Liability; 6: UGENT Ghent University</p>
	<p><b>Eye-Tracking In A Visual Perception And Acceptance Evaluation Experiment Of Agri-Photovoltaics Dependent On Grassland-Use-Types</b></p> <p><b>Schröter, Iris; Pütt Schneider, Niels; Mergenthaler, Marcus</b> Fachhochschule Südwestfalen, Germany</p>	<p><b>Political Feasibility Of The Green Deal In EU-agriculture</b></p> <p><b>Panknin, Lea<sup>1</sup>; Grunenberg, Michael<sup>1</sup>; Ziesmer, Johannes<sup>2</sup>; Henning, Christian<sup>1</sup></b> 1: University of Kiel, Germany; 2: Leibniz Institute for Educational Trajectories Bamberg, Germany</p>	<p><b>Potential Consumer Response to the Healthy Symbol Developed by the U.S. Food and Drug Administration</b></p> <p><b>Hyink, Jillian<sup>1</sup>; McFadden, Brandon<sup>1</sup>; Ellison, Brenna<sup>2</sup></b> 1: University of Arkansas, United States of America; 2: Purdue University, United States of America</p>	<p><b>How Specific Should CSR Certifications On Wine Labels Be? Insights From An Online Experiment</b></p> <p><b>Gallais, Alicia<sup>1</sup>; Livat, Florine<sup>1</sup>; Vecchio, Riccardo<sup>2</sup></b> 1: KEDGE Business School, France; 2: University Federico II, Naples, Italy</p>
	<p><b>Protected Areas And Agricultural Biodiversity Conservation – Do Farms Inside Parks Perform Better?</b></p> <p><b>Yanbing, Wang<sup>1</sup>; Ritzel, Christian<sup>1</sup>; Nadja, El Benni<sup>1</sup>; Robert, Finger<sup>2</sup>; Gabriele, Mack<sup>1</sup></b> 1: Agroscope, Switzerland; 2: ETH Zürich, Switzerland</p>	<p><b>Promoting Agro-Ecology, Reducing Food Waste, and Changing Diets: What Economic, Ecological, and Nutritional Impacts Can We Expect from the European Green Deal?</b></p> <p><b>Soler, Louis-Georges<sup>1,5</sup>; Guyomard, Hervé<sup>2,5</sup>; Détang Dessendre, Cécile<sup>3,5</sup>; Requillart, Vincent<sup>4</sup></b> 1: INRAE, UMR Economie Publique, Saclay, France; 2: INRAE, SDAR, Rennes, France; 3: INRAE, UMR CESAER, Dijon, France; 4: INRAE, UMR TSE, Toulouse, France; 5: INRAE, CODIR, Paris, France</p>	<p><b>Can True Pricing of Food Products in EU Lead to Health Benefits?</b></p> <p><b>Hristov, Jordan<sup>1</sup>; Moz-Christofoletti, Maria Alice<sup>2</sup>; Leip, Adrian<sup>3</sup>; Weiss, Franz<sup>4</sup>; Vandyck, Toon<sup>1</sup>; Perez-Dominguez, Ignacio<sup>1</sup>; Lindner, Soeren<sup>4</sup>; Fellmann, Thomas<sup>1</sup></b> 1: European Commission, Joint Research Centre (JRC), Spain; 2: UNDP, Bureau for Policy and Programme Support, USA; 3: European Commission - Research &amp; Innovation, Belgium; 4: European Commission, Joint Research Centre (JRC), Italy</p>	<p><b>"Consumers Preferences and Willingness to Pay for Wine with Social and Sustainable Attributes"</b></p> <p><b>Rahmani, Djamel<sup>1</sup>; Loureiro, Maria<sup>2</sup>; Escobar, Cristina<sup>1</sup>; Gil, José Maria<sup>1</sup></b> 1: Centre de Recerca en Economia i Desenvolupament Agroalimentari (CREDA) - Universitat Politècnica de Catalunya (UPC) - Castelldefels, Barcelona, Spain.; 2: Departamento de Fundamentos da Análise Económica - Facultad de Ciencias Económicas y</p>
	<p><b>Bioeconomy Real Options and Sustainability – Measuring the Contribution of EU Bioeconomies to Sustainable Development</b></p> <p><b>Kardung, Maximilian; Cingiz, Kutay; Wesseler, Justus</b> Wageningen University, Netherlands, The</p>	<p><b>Enhancing Habitat Quality With An Agglomeration Bonus: Simulations In A Real Setting Of German Arable Landscapes</b></p> <p><b>Böhner, Hannah G. S.<sup>1</sup>; Röder, Norbert<sup>1</sup>; Runge, Tania<sup>1</sup>; Zavalloni, Matteo<sup>2</sup></b> 1: Thünen Institute, Germany; 2: University of Urbino Carlo Bo, Italy</p>	<p><b>How Efficient Are Value Added Tax Changes In Improving Healthy Dietary Choices By EU Consumers?</b></p> <p><b>Farkas, Beatrice Cristina; Pérez Domínguez, Ignacio; Pieralli, Simone; Elleby, Christian</b> JRC Seville -European Commission, Spain</p>	
	<p><b>Economic Valuation of Cultural Ecosystem Services: The Case of Landscape Aesthetics in the Agritourism Market</b></p> <p><b>Fleischer, Aliza<sup>1</sup>; Hatan, Shachar<sup>2</sup>; Tchetchik, Anat<sup>3</sup></b></p>	<p><b>Adding mirror clauses</b></p>	<p><b>Do Nutritional Nudges Lead To Healthier Fast Food Choices? An Experimental Online Study With German</b></p>	

1: Hebrew University of Jerusalem, Israel; 2: Hebrew University of Jerusalem, Israel; 3: Bar Ilan University

### within the European Green Deal: Hype or hope?

Gohin, Alexandre<sup>1</sup>; Matthews, Alan<sup>2</sup>

1: inrae, France; 2: Trinity college, dublin, Ireland

### Consumers

Weingarten, Nina; Hirschberg, Daria Jessica; Hartmann, Monika  
University of Bonn, Germany

Empresariales - Universidad de Santiago de Compostela - Santiago de Compostela, Spain.

### Taste Perceptions and WTP for Aquaponic Tomatoes – An Incentive-Aligned Experimental Auction in a Lab Environment

Macht, Janine; Klink-Lehmann, Jeanette; Kilimann, Jana; Hartmann, Monika  
University of Bonn, Germany

### Testing the Effectiveness of Lottery Incentives in Online Experiments: An Application to Criollo Meat

Ahles, Amelia<sup>1</sup>; Palma, Marco<sup>1</sup>; Drichoutis, Andreas<sup>2</sup>

1: Texas A&M University; 2: Agricultural University of Athens, Greece

### CPS14.2: Land Markets 1

Location: **SALLE 18**  
Chair: **Dr. Henning Schaak**, University of Natural Resources and Life Sciences, Vienna

### Heterogeneous Impacts Of Non-agricultural Investors On Farmland Prices

Schmidt, Lorenz<sup>1</sup>; Ritter, Matthias<sup>2</sup>; Odening, Martin<sup>1</sup>

1: Humboldt-Universität zu Berlin, Germany; 2: Jönköping University, Sweden

### Renewable Energy Policy and Farmland Markets: The German Perspective

Isenhardt, Lars<sup>1</sup>; Seifert, Stefan<sup>1</sup>; Wolff, Saskia<sup>2</sup>; Lakes, Tobia<sup>3</sup>; Graubner, Marten<sup>5</sup>; Werwatz, Axel<sup>4</sup>; Hüttel, Silke<sup>1</sup>

1: Department of Agricultural Economics and Rural Development, University of Göttingen, Germany; 2: Institute of Food and Resource Economics, University of Bonn, Germany; 3: Geographical Institute, Humboldt-Universität Berlin, Germany; 4: Chair in Econometrics and Business Statistics, Technical University of Berlin, Germany; 5: Department of Structural Development of Farms and Rural Areas, de

### CPS2.2: Climate Change 2

Location: **SALLE 3**  
Chair: **Dr. Lorraine Balaine**, Teagasc

### Apple Production Under Climate Change and Its Capacity to Adapt: the Case of France

Giguère, Laurent<sup>1</sup>; Garrett, Rachael<sup>2</sup>

1: ETH Zurich, Switzerland; 2: University of Cambridge, UK

### The Effect Of Soil Conservation Practices On Climate Change Adaptation: An Endogenous Switching Regression Approach

Zeilinger, Julian; Niedermayr, Andreas; Kantelhardt, Jochen  
University of Natural Resources and Life Sciences, Vienna, Austria

### Climate Change Challenges For The European Beekeeping Sector: A Pan-European Survey Amongst Beekeepers On Perceived And Experienced Impacts And Adaptations

Van Espen, Marie Jasmien<sup>1</sup>; Williams, James Henty<sup>2</sup>; Alves, Fátima<sup>3</sup>; Hung, Yung<sup>1</sup>; de

### CPS3.2: Smallholder Farmers

Location: **SALLE 4**  
Chair: **Emanuele Zucchini**, International Fund for Agricultural Development (IFAD)

### Certification in Local Food Value Chains and Farmers' Welfare: Evidence from Panel Data in Northern Vietnam

Enthoven, Laura; Van den Broeck, Goedele  
UCLouvain, Belgium

### Reciprocity and Polycentric Governance: Evidence from Aymara Water Associations in the Bolivian Altiplano

Slosse, Wannes<sup>1</sup>; Buysse, Jeroen<sup>1</sup>; D'Haese, Marijke<sup>1</sup>; Branisa, Boris<sup>2</sup>; Schoors, Koen<sup>3</sup>; Benavides, Jean-Paul<sup>2</sup>

1: Ghent University, Department of Agricultural Economics, Belgium; 2: Universidad Católica Boliviana San Pablo, Bolivia; 3: Ghent University, Department of Economics, Belgium

### Institutional Design Matters: Voluntary Sustainability Standards and Farmer Welfare in Peru

### CPS4.2: Crop Diversification

Location: **SALLE 5**  
Chair: **Dr. Bouali Guesmi**, CREDA

### The Risk Mitigation Potential of On-Farm Crop Diversification to Cope with Drought Shocks

Schmitt, Jonas<sup>1,2</sup>; Offermann, Frank<sup>1</sup>; Ribeiro, Andrea F. S.<sup>3</sup>; Finger, Robert<sup>2</sup>

1: Thuenen Institute - Institute of Farm Economics, Germany; 2: Agricultural Economics and Policy Group, ETH Zurich, Switzerland; 3: Institute for Atmospheric and Climate Science, ETH Zurich, Switzerland

### Resilience To Weather Shocks in Italian Agriculture: Evidence on the Effectiveness of Crop Diversification

Fabri, Charlotte<sup>1</sup>; Vermeulen, Sam<sup>1</sup>; Van Passel, Steven<sup>1</sup>; Schaub, Sergei<sup>2</sup>

1: Department Engineering Management, University of Antwerp, Antwerp, Belgium; 2: Business Management and Value Creation, Agroscope, Ettenhausen, Switzerland

Leibniz Institute of Agricultural Development in Transition Economies, Germany

### **Urban Proximity and Farmland Prices: Evidence from the Berlin Brandenburg Metropolitan Region**

**Zhang, Wendong<sup>1</sup>; Meissner, Luise Maria<sup>2,3</sup>; Musshoff, Oliver<sup>2</sup>**

1: Cornell University, Ithaca, NY, USA; 2: Georg-August-University of Göttingen, Göttingen, Germany; 3: Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

### **Small Area Estimation Of Farmland Values In Germany**

**Luo, Hao<sup>1</sup>; Meissner, Luise<sup>1,2</sup>; Musshoff, Oliver<sup>1</sup>**

1: Department of Agricultural Economics and Rural Development, Georg-August-Universität Göttingen, Germany; 2: Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

### **New Insights on Regional Differences of the Farmland Price Structure: An Extended Replication Study on the Parcel Price-Size Relationship**

**Schaak, Henning<sup>1</sup>; Meissner, Luise<sup>2,3</sup>; Musshoff, Oliver<sup>2</sup>**

1: University of Natural Resources and Life Sciences, Vienna, Austria; 2: University of Goettingen, Goettingen, Germany; 3: Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

### **CPS5.2: Chemical Inputs 2**

Location: **SALLE 6**  
Chair: **Dr. Julie Subervie**, INRAE

### **Social Learning For The Green Transition: Evidence From A Pesticide Reduction Policy**

**Deperrois, Rose<sup>1,2</sup>; Fadhuile, Adélaïde<sup>2</sup>; Subervie, Julie<sup>1</sup>**

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**Graaf, Dirk<sup>1</sup>; Verbeke, Wim<sup>1</sup>**

1: Ghent University, Belgium; 2: Aarhus University, Denmark; 3: University of Coimbra, Portugal

### **Heterogeneity In The Effect Of GHG Mitigation Strategies on Irish Dairy Farms**

**Balaine, Lorraine<sup>1</sup>; Buckley, Cathal<sup>1</sup>; Breen, James<sup>2</sup>; Krol, Dominika<sup>3</sup>**

1: Agricultural Economics and Farm Surveys Department, Teagasc Athenry, Ireland; 2: School of Agriculture and Food Science, University College Dublin, Ireland; 3: Environment, Soils and Land Use Department, Teagasc Johnstown Castle, Ireland

### **CPS6.2: Animal Welfare**

Location: **SALLE 13**  
Chair: **Dr. Shon Ferguson**, Swedish University of Agricultural Sciences (SLU)

### **Evaluating Farmers' Behaviour And Intention To Adopt Technological Tools For Livestock Management**

**Zanchini, Raffaele<sup>1</sup>; Selvaggi, Roberta<sup>2</sup>; Zarbà, Carla<sup>2</sup>; Pecorino, Biagio<sup>2</sup>; Pappalardo, Giocchino<sup>2</sup>**

1: University of Torino, Italy; 2: University of Catania, Italy

**Boonaert, Eva; Maertens, Miet**

Division of Bioeconomics, Department of Earth and Environmental Sciences, KU Leuven, Belgium

### **Growing Old Together: Succession and Replanting among Indonesian Oil Palm Smallholders**

**Bähr, Tobias; Wollni, Meike**

University of Goettingen, Germany

### **The Impact of Rural Business Development Programmes on the Income and Climate Resilience of Small-scale Producers. Evidence from Peru.**

**Arslan, Aslihan<sup>1</sup>; Egger, Eva-Maria<sup>2</sup>; Zucchini, Emanuele<sup>1</sup>**

1: International Fund for Agricultural Development (IFAD), Italy; 2: United Nations University World Institute for Development Economics Research (UNU-WIDER), Finland

### **CPS7.2: Farm Finance & Insurance**

Location: **SALLE 14**  
Chair: **Dr. Uliana Gottlieb**, Swedish University of Agricultural Sciences

### **Plant Growth Stages and Weather Index Insurance Design**

**Zou, Jing<sup>1</sup>; Okhrin, Ostep<sup>1</sup>; Odening, Martin<sup>2</sup>**

1: Technische Universität Dresden, "Friedrich List" Faculty of Transportation, Chair of Statistics and Econometrics; 2: Humboldt-Universität zu Berlin, Department of Agricultural Economics, Farm Management Group

### **Crop Diversification, Farm Productivity and Resilience to Climatic Conditions**

**Eder, Andreas; Salhofer, Klaus**

University of Natural Resources and Life Sciences, Vienna, Austria

### **Spatial Externalities And Inefficient Crop Diversification**

**Aubert, Cécile<sup>1</sup>; Lemarié, Stéphane<sup>2</sup>**

1: University of Bordeaux, France; 2: INRAE, Grenoble, France

### **Environmental-Economic trade-offs of Diversified Farming Systems: Evidence from Arable Crop Sector**

**Guesmi, Bouali<sup>1</sup>; Yangui, Ahmed<sup>2</sup>; Taghouti, Ibtissem<sup>1,3</sup>; Gil, José María<sup>1</sup>**

1: Center for Agro-Food Economics and Development (CREDA-UPC-IRTA), Spain; 2: Agricultural Economic Laboratory (LER), National Institute of Agronomic Research of Tunisia INRAT, University of Carthage, Tunisia; 3: Laboratory of Management and Valorization of Forest Resources, National Research Institute of Rural Engineering, Water and Forestry, University of Carthage, Tunisia

### **CPS8.2: Empirical Evidence**

Location: **HORIZONS**  
Chair: **Dr. Taras Gagalyuk**, Leibniz Institute of Agricultural Development in Transition Economies (IAMO)

### **Shaming, Stringency, and Shirking: Evidence from Food-safety Inspections**

**Bovay, John**  
Virginia Tech, United States of America

### **Improving The Understanding Why Farmers Do Not Comply With Direct Payment Regulations**

**Evidence Of Pesticide Dependence In Perennial Crops: An Empirical Test Based On Italian FADN Crop-Level Data**

**Baldoni, Edoardo;**  
**Antonioni, Federico**

Joint Research Centre - European Commission, Spain

**Accounting for Heterogeneity in Farmers' Motivations and Beliefs to Reduce Pesticide Use**

**Sok, Jaap<sup>1</sup>;** Bakker, Lieneke<sup>2</sup>; Van der Werf, Wopke<sup>3</sup>; Bianchi, Felix<sup>2</sup>

1: Business Economics, Wageningen University and Research (WUR), Wageningen, the Netherlands; 2: Farming Systems Ecology Group, Wageningen University and Research (WUR), Wageningen, the Netherlands; 3: Centre for Crop Systems Analysis, Wageningen University and Research (WUR), Wageningen, the Netherlands

**Ex ante Evaluation of Banning Glyphosate in Field Crops : A Scenario based approach**

**Fadhuile, Adélaïde<sup>1</sup>;**  
**Carpentier, Alain<sup>2</sup>**

1: Univ. Grenoble Alpes, CNRS, INRAE, Grenoble INP, GAEL, France; 2: INRAE, Institut Agro Rennes Angres, UMR SMART, F-35000, Rennes, France

**When Nudges Backfire: Evidence from a Randomized Field Experiment to Boost Biological Pest Control**

**Chabé-Ferret, Sylvain<sup>1</sup>;** Le Coent, Philippe<sup>2</sup>; Préget, Raphaele<sup>1</sup>; Salanié, François<sup>1</sup>; **Subervie, Julie<sup>1</sup>;** Thoyer, Sophie<sup>1</sup>

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**CPS9.2: Trade 1**

Location: **SALLE 19**

Chair: **Mark Vancauterem,** Universiteit Hasselt

**When Quality Management Helps Agri-food Firms to Export**

**Emlinger, Charlotte<sup>1</sup>;**  
**Latouche, Karine<sup>2</sup>**

1: CEPII, France; 2: INRAE, France

**Economic Effects of Farm Animal Welfare Programs in Swiss Agriculture**

**Wimmer, Stefan;** Barth, Nicole; Finger, Robert  
Agricultural Economics and Policy Group, ETH Zurich, Switzerland

**The Animal Welfare Levy**

**Espinosa, Romain<sup>1</sup>;**

**Treich, Nicolas<sup>2</sup>**  
1: CNRS, CIREN, France; 2: INRAE, Toulouse School of Economics, France

**Does It Take A Stick To Eat A Carrot? Animal Welfare Impacts Of Meat Consumption And Pigouvian Pricing - Estimates For The United Kingdom, 1985-2019**

**Schütz, Rafael**

Paris School of Economics, France

**The Impact of Animal Welfare Regulations on Comparative Advantage in Pork Production: Evidence from the European Union**

**Ferguson, Shon<sup>1,2</sup>;**  
**Hansson, Helena<sup>1</sup>;**  
**Höglind, Lisa<sup>1</sup>;**  
**Wallenbeck, Anna<sup>1</sup>;**  
**Agenäs, Sigrid<sup>1</sup>**

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**PSTR1.2: Biodiversity**

Location: **SCREEN 1**

Chair: **Kati Häfner,** Leibniz Centre for Agricultural Landscape Research (ZALF)

**Heterogeneous Impacts of Mowing Intensity on Grassland Species Richness Across Germany**

**Schulz, Dario<sup>1,2</sup>;** Börner, Jan<sup>1,2</sup>; Finger, Robert<sup>3</sup>;

**With Big Data Come Big Problems: Pitfalls In Measuring Basis Risk For Crop Index Insurance**

**Stigler, Matthieu<sup>1</sup>;** Dey, Apratim<sup>2</sup>; Hobbs, Andrew<sup>3</sup>; Lobell, David<sup>2</sup>

1: ETH Zurich, Switzerland; 2: Stanford University, USA; 3: San Francisco University, USA

**Potential Impacts Of The Income Stabilization Tool On Farmers' Income And Crop Diversity: A French Case Study**

**Louhichi, Kamel;** Merisier, Daël

Université Paris-Saclay, INRAE, AgroParisTech, PSAE, Palaiseau France

**The Capitalisation Of Agricultural Income And The Creation Of Professional Agricultural Assets**

**Jeanneaux, Philippe<sup>1</sup>;**  
**Piet, Laurent<sup>2</sup>**

1: VetAgro Sup/UMR Territoires, France; 2: INRAE / UMR SMART, France

**Farmers' Financial Literacy – Scale Development And Linkages To Accounting Practices And Financial Outcomes**

**Gottlieb, Uliana;** Hansson, Helena

Swedish University of Agricultural Sciences, Sweden

**PSTR2.2: Policy Analysis 1**

Location: **SCREEN 2**

Chair: **Dr. Philipp Löw,** Thünen Institute

**Regulation of Agricultural Markets and Prices :a Necessity in the Context of an Agricultural and Food Processing Project**

**Loyat, Jacques**  
Société Française d'Economie Rurale

**Mack, Gabriele;** Ritzel, Christian; Ammann, Jeanine; El Benni, Nadja

Agroscope, Switzerland

**Determinants of Structural Change in Production Orientation in Finland**

**Valtiala, Juho<sup>1</sup>;** Irz, Xavier<sup>2</sup>; Niemi, Jyrki<sup>1</sup>

1: Natural Resources Institute Finland (Luke); 2: University of Helsinki

**Are we All Equal when it Comes to Reducing Transaction Costs Through ICT? Reflection Based on French Farmers**

**Guillot, Romane<sup>1</sup>;**

**Aubert, Magali<sup>2</sup>;** Mione, Anne<sup>1</sup>

1: Université de Montpellier, France; 2: INRAE, France

**What Drives Post-acquisition Farm Growth? Empirical Evidence from Ukraine**

**Gagalyuk, Taras;**  
**Ostapchuk, Igor**

Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany

**PSTR3.2: Organic Agriculture**

Location: **SCREEN 3**

Chair: **Paulo Guilherme Alarcon Fernandes,** Universidade Estadual de Maringá

**Organic Agriculture Economics Across the World – What Are Scholars Most Interested In?**

**Cei, Leonardo<sup>1</sup>;**

### Agri-food Importing Firms Amid a Health Crisis

**Fiankor, Dela-Dem Doe<sup>1</sup>; Lartey, Abraham<sup>2</sup>; Ritzel, Christian<sup>1</sup>**

1: Agroscope, Switzerland; 2: University College London, U.K.

### Regional Labor Market Adjustments in Europe: The Role of Trade Shocks in the Agri-food Sector

**Curzi, Daniele<sup>1</sup>; Haase, Oliver<sup>1</sup>; Piri, Andreea<sup>2</sup>; Raimondi, Valentina<sup>1</sup>; Olper, Alessandro<sup>1</sup>**

1: University of Milano, Italy; 2: EU Commission - JRC Ispra

### Domestic Market Effects Of Russia's Wheat Export Restrictions During The Covid-19 Pandemic And The Ukraine War

**Svanidze, Miranda; Götz, Linde; Jamali Jaghdani, Tinoush**

IAMO, Germany

### Exporting and Firm Performance: Evidence from the French Food Processing Industry

**Chemo Dzukou, Kevin Randy<sup>1</sup>; Vancauter, Mark<sup>2</sup>**

1: INRAE, Nantes, France; 2: Universiteit Hasselt, Belgium, and Statistics Netherlands

**Muro, Javier<sup>4,5</sup>; Spekker, Jonas<sup>4,6</sup>; Stetter, Christian<sup>3</sup>**

1: University of Bonn, Institute for Food and Resource Economics; 2: University of Bonn, Center for Development Research; 3: ETH Zürich, Agricultural Economics and Policy Group; 4: University of Bonn, Department of Geography; 5: Thünen Institute of Farm Economics; 6: United Nations University, Institute for Environment and Human Security

### Agent-based Modeling Of The Adoption Of Organic Farming: Social Influence, Policy Instruments And The Impact On Biodiversity

**Fockaert, Lysander<sup>1</sup>;**

**Hulsmans, Eva<sup>2</sup>;**

**Daelemans, Robin<sup>2</sup>;**

**Hemerijckx, Lisa-Marie<sup>3</sup>;**

**Mathijs, Erik<sup>1</sup>; Honnay, Olivier<sup>2</sup>; Vranken, Liesbet<sup>1</sup>**

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### Regional Planning of Optimal Biodiversity Conservation Policies Using Social-bio-economic Models

**Ricozzi, Matteo Bruno<sup>1,2</sup>; Kanellopoulos, Argyris<sup>1</sup>; Sok, Jaap<sup>2</sup>; de Leeuw, Sander<sup>1</sup>**

1: Operations Research and Logistics Group, Department of Social Sciences, Wageningen University and Research, Netherlands; 2: Business Economics Group, Department of Social Sciences, Wageningen University and Research, Netherlands.

### How Can Crop Value Chains Support Biodiversity – A Systematic Review

**Viira, Ants-Hannes; Aleksandrova, Olha; Ariva, Jelena; Aro, Kersti; Lillemets, Jüri**

Estonian University of Life Sciences, Estonia

### On-Farm Biodiversity Management in Europe: Farmers'

### Agricultural Public Spending and Impulse Response Functions

**Kassogué, Boukary**  
IPR/IFRA de Katibougou

### Sustainable Livestock Intensification and Social Well-being in Rural Brazil

**Tereza da Silva, Jacqueline<sup>1</sup>; Moran, Dominic<sup>1</sup>; Barioni, Luis Gustavo<sup>2</sup>; De Oliveira Silva, Rafael<sup>1</sup>**

1: Global Academy of Agriculture and Food Systems, The University of Edinburgh, United Kingdom; 2: Brazilian Agricultural Research Corporation (EMBRAPA), Brazil

### The Impact of Chinese Rice Support Policies on Rice Acreages

**Jin, Yan<sup>1</sup>; Gardebroek, Cornelis<sup>2</sup>; Heerink, Nico<sup>3</sup>**

1: Center for Agro-Food Economics and Development (CREDA-UPC-IRTA); 2: Agricultural Economics and Rural Policy group, Wageningen University, The Netherlands; 3: Development Economics group, Wageningen University, The Netherlands

### Future Images Of Agriculture And Agricultural Policy Among Finnish Citizens And Farmers

**Tienhaara, Annika Maaria<sup>1</sup>; Niemi, Jyrki<sup>1</sup>; Vainio, Annukka<sup>2</sup>; Pouta, Eija<sup>1</sup>**

1: Natural Resources Institute Finland (Luke), Finland; 2: University of Helsinki

### Long-Term Effect of the Latest Grain Support Reform on Corn Growers' Incomes in China

**Ding, Yongchao<sup>1</sup>; Lyu, Kaiyu<sup>1,2</sup>; Mann, Stefan<sup>2</sup>**

1: Institute of Agricultural Economics and Development, Chinese Academy of Agricultural Sciences, China, People's Republic of; 2: Department of Socioeconomics, Agroscope, Tänikon 1

### Economic Assessment of the Impacts of post-Brexit Free Trade and Domestic Policies on Scottish Farms

**Rossetto, Luca<sup>1</sup>; Defrancesco, Edi<sup>1</sup>; Stefani, Gianluca<sup>2</sup>**

1: University of Padova, Italy; 2: University of Firenze, Italy

### The future of organic certification: potential Impacts of Participatory Guarantee Systems inclusion in the European organic regulation

**Sacchi, Giovanna<sup>1</sup>; Romanello, Lavinia<sup>2</sup>; Canavari, Maurizio<sup>2</sup>**

1: Free University of Bozen-Bolzano, Italy; 2: University of Bologna Alma Mater Studiorum, Italy

### Structural Determinants Of Converting to Organic Agriculture

**Pignotti, Davide; Neuenfeldt, Sebastian; Curtiss, Jarmila; Yang, Xinxin; Gocht, Alexander**

Thünen institute, Germany

### Urban-Rural Differences in Consumer Demand for Organic and Locally Sold Eggs

**Reed, Joshua John<sup>1</sup>; Jaenicke, Edward C<sup>1</sup>; Liu, Yizao<sup>1</sup>; Dong, Xiao<sup>2</sup>; Huang, Chiu-Lin<sup>1</sup>**

1: Penn State University, United States of America; 2: United States Department of Agriculture, Economic Research Services

### Market Power and Profitability of Organic Versus Conventional Dairy Farmers in the EU

**Hirsch, Stefan; Koppenberg, Max**  
University of Hohenheim, Germany, Germany

### Approach for the Romanian Bioeconomy Strategy-Organic Agriculture Niche Analysis

**Voicilas, Dan-Marius; Chitea, Mihai Alexandru; Rosu, Elisabeta Stefania; Luca, Lucian; Gavrilescu, Camelia Anisoara; Izvoranu, Anca Marina; Tudor,**

### Perceptions and Behavioural Determinants

Klebl, Fabian<sup>1,2</sup>; Häfner, Kati<sup>1</sup>; Feindt, Peter H.<sup>2</sup>; Piorr, Annette<sup>1</sup>

1: Leibniz Centre for Agricultural Landscape Research (ZALF), Germany; 2: Agricultural and Food Policy Group, Albrecht Daniel Thaer Institute of Agricultural and Horticultural Sciences, Humboldt-Universität zu Berlin, Berlin, Germany

### Designing Effective Behaviour Change Interventions To Increase Agricultural Biodiversity: Combining Insights from Systems and Behavioral Analysis

Vardhan, Apoorva; Wauters, Erwin  
ILVO (Flanders Research Institute for Agriculture, Fisheries and Food), Belgium

### Cost-Efficient Agri-Environmental-Climate-Schemes: Comparing the Performance of Result-based and Action-based Schemes for Grassland Biodiversity Conservation in Bavaria.

Canessa, Carolin; Mennig, Philipp; Sauer, Johannes  
Technical University Munich, Germany

### Farmers' Preferences for Biodiversity Measures and Their Design in Four Countries

Häfner, Kati; Klebl, Fabian; Piorr, Annette  
Leibniz Centre for Agricultural Landscape Research (ZALF), Germany

Shrestha, Shailesh<sup>1</sup>; Urban, Daniel<sup>1,2</sup>; O'Donoghue, Cathal<sup>2</sup>; Barnes, Andrew<sup>1</sup>  
1: Scotland's Rural College, United Kingdom; 2: University of Galway

### Analysis of Nitrogen Use Efficiency on Farm Level of the German Agricultural Sector – Effects of Regional Patterns, Farm Structure and Drought Events

Löw, Philipp<sup>1,2</sup>; Söder, Mareike<sup>1</sup>; Osterburg, Bernhard<sup>1</sup>  
1: Coordination Unit Climate and Soil, Thünen Institute, Braunschweig, Germany; 2: Plant Nutrition and Crop Physiology, Department of Crop Science, University of Göttingen, Göttingen, Germany

Monica Mihaela; Alboiu, Cornelia Florentina; Bucur, Sorinel Ionel  
Institute of Agricultural Economics-Romanian Academy, Romania

### Categories of Organic Farming Policy Instruments in the Context of Socio-Ecological Uncertainties

Babajani, Arezou; Wieck, Christine  
University of Hohenheim, Germany

### Agroecological Production Chain in Brazil: An Exploratory Data Analysis of Organic Production Scope by Federal Units in 2022

Fernandes, Paulo  
Guilherme Alarcon<sup>1</sup>; da Silva, Élisson Aparecido Santos<sup>2</sup>; Alves, Alexandre Florindo<sup>3</sup>  
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#### PSTR4.2: Agricultural Trade 1

Location: **SCREEN 4**  
Chair: **Milan Tatic**, University of Bonn

#### Exploring Honey Consumption in Belgium: Insights into Consumer Perceptions on Origin and Willingness-to-Pay

Van der Stricht, Hélène; Minnens, Fien; Verbeke, Wim  
Department of Agricultural Economics, Universiteit Gent, Belgium

#### PSTR5.2: Behavioural Economics

Location: **SCREEN 5**  
Chair: **Angela Bergschmidt**, Thünen-Institut

#### Adverse Events' Influence On Smallholder Farmers' Time Preferences: Evidence From 5 African Countries.

Marini Govigli, Valentino<sup>1</sup>; Di Fiore, Gianluca<sup>1</sup>; Koussani, Wafa<sup>2</sup>; Munubi, Renalda<sup>3</sup>; Ndetto, Emmanuel<sup>3</sup>; Nkambo, Mujibu<sup>4</sup>; Chimoita,

#### PSTR6.2: Transition Economies

Location: **SCREEN 6**  
Chair: **Dr. Ladislav Jelínek**, Institute of Agricultural Economics and Information

#### Development Pathways for Small Farms in Central-Eastern Europe: Productivist or Sustainable Course?

Czyżewski, Bazyli; Kryszak, Łukasz  
Poznan University of Economics and Business, Poland

#### How Much Has China

**How do PDO and Unhealthy Nutriscore Labels Influence the Purchase Intention of Food? An Empirical Analysis in Italy and the Netherlands**

**Occchi, Anna<sup>1,3</sup>;**  
**Soregaroli, Claudio<sup>1</sup>;**  
**Stranieri, Stefanelle<sup>2</sup>;** **van Trijp, Hans<sup>3</sup>**

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**On Globalization and Agricultural Trade**

**Luckstead, Jeff**  
Washington State University, United States of America

**Effect of Non-Tariff Measures on the Extensive and Intensive Margins of Agrifood Trade from Least Developed Countries to the High-Income Countries**

**Gracia-de-Rentería, Pilar<sup>1,2</sup>;** **Ferrer-Pérez, Hugo<sup>1,2</sup>;** **Sanjuán, Ana Isabel<sup>1,2</sup>;** **Philippidis, George<sup>2,3</sup>**

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**Determinants of Russia's wheat exports during the Ukraine war**

**Götz, Linde;** **Svanidze, Miranda;** **Jamali Jaghdani, Tinoush**  
IAMO, Germany

**The Impact Of MRL Standards On The Stability Of Bilateral Trade Relations**

**Engemann, Helena;** **Jafari, Yaghoob;** **Heckelei, Thomas**  
University of Bonn, Germany

**Is There Hope for Broiler Farms in West Africa to be Competitive with Those in Europe?**

**Chibanda, Craig;** **Thobe, Petra**  
Thünen Institute, Germany

**Evans<sup>5</sup>;** **Kisakye, Josephine<sup>6</sup>;** **Setti, Marco<sup>1</sup>**  
1: University of Bologna, Department of Agricultural and Food Sciences, Italy; 2: Institut National Agronomique de Tunisie, Tunisia; 3: Sokoine University of Agriculture, Tanzania; 4: National Agricultural Research Organisation, Uganda; 5: University of Nairobi, Kenya; 6: Makerere University, Uganda

**Effect of Personalised Nudge in Promoting Vegetable Consumption: Evidence from a Natural Field Experiment using Purchase Receipt Data**

**Sasaki, Hiroki;** **Ito, Nobuhiro**  
Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries, Japan

**Being Well in With the Joneses? – The Role of Conspicuous Spending for Risk Sharing Along a Lab-in-the-field Experiment.**

**Kuhn, Lena;** **Bobojonov, Ihtiyor;** **Moritz, Laura**  
IAMO, Germany

**Understanding Food Waste Behaviour Among Italian Youth: An Extension of The Theory Of Planned Behaviour**

**D'Angelo, Maria Consiglia;** **Coppola, Adele;** **Romano, Severino;** **Genovese, Francesco;** **Cozzi, Mario;** **Viccaro, Mauro**  
University of Basilicata, Italy

**Public Acceptance Of Default Nudges To Promote Healthy And Sustainable Food Choices**

**Lemken, Dominic<sup>1,2</sup>;** **Wahnschafft, Simone<sup>2</sup>**  
1: Institute for Food and Resource Economics, University of Bonn, Germany; 2: Research Training Group in Sustainable Food Systems, University of Göttingen, Germany

**Social Supermarkets in the UK: Consumer Preferences and Manager Perspectives on Alternative Models**

**Akaichi, Faical;**

**Invested in its Agriculture?: Comparison among state-owned agriculture, collective-owned agriculture, and peasant households' agriculture**

**Dong, Qi<sup>1,2</sup>**  
1: Economic Research Institute for Northeast Asia, Japan; 2: University of Niigata Prefecture, Japan

**Can the Promotion of Agricultural Production Capacity bring about Economic Growth and Structural Transformation? -----Evidence from China**

**Zhang, Tonglong<sup>1,2</sup>**  
1: Swedish University of Agricultural Sciences, Sweden; 2: SCAU

**Trade-offs Between International Migration and Agricultural Commercialization: Evidence from Kyrgyzstan.**

**Kimsanova, Barchynaj<sup>1</sup>;** **Sanaev, Golib<sup>2</sup>;** **Herzfeld, Thomas<sup>1,3</sup>**  
1: IAMO, Germany; 2: Independent researcher; 3: Martin-Luther University, Germany

**Impact of Post-Soviet Economic Integration on Small Economies: Agri-food Trade of Armenia and Kyrgyzstan**

**Bekbolotova, Salima;** **Djanibekov, Nodir;** **Herzfeld, Thomas**  
Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany

**Receiving Remittances and Subjective Well-being in Moldova**

**Herzfeld, Thomas<sup>1,2</sup>;** **Möllers, Judith<sup>1</sup>;** **Dufhues, Tom<sup>1</sup>;** **Jantsch, Antje<sup>1</sup>**  
1: IAMO, Germany; 2: Martin-Luther-Universität Halle-Wittenberg, Germany

**The Effect Of The EU Direct Payments Policy And Its 2023+ Reform On Income Distribution – The Case Of Czech Agriculture**

**Jelínek, Ladislav;** **Doucha, Tomas;** **Hofman, Vaclav;** **Hruska, Martin;** **Medonos,**



	<p><b>Changes in Agri-Food Trade Competitiveness Post DCFTA Implementation In Republic Of Moldova, Georgia And Ukraine – A Comparison</b>  <u>Gavrilescu, Camelia Anisoara</u><sup>1</sup>; Voicilas, Dan-Marius<sup>1</sup>; Stratan, Alexandru<sup>2</sup>; Adamashvili, Nino<sup>3</sup>; Borodina, Olena<sup>4</sup>  1: Institute of Agricultural Economics - Romanian Academy, Bucharest, Romania, Romania; 2: Academy of Economic Studies of Moldova; 3: University of Foggia - Department of Economics; 4: Institute for Economics and Forecasting - National Academy of Sciences of Ukraine (NASU)</p> <p><b>Using The Pre-Emptive Right To Level Off The Playing Field Between Uneven Buyers</b>  <u>Neyter, Roman; Nivievskiy, Oleg</u>  Kyiv School of Economics, Ukraine</p> <p><b>Unpacking the Effects of National MCOOL Legislation on Dairy Imports in the EU: A Synthetic Control Approach</b>  <u>Tatic, Milan; Hartmann, Monika</u>  University of Bonn, Germany</p>	<p><b>Waterworth, Josie; Toma, Luiza</b>  Scotland's Rural College, United Kingdom</p> <p><b>How To Reach Minority Farmers? Drawing On Needs Identified From The Paycheck Protection Program</b>  <u>Sant'Anna, Ana Claudia</u><sup>1</sup>; Kim, Kevin<sup>2</sup>; Demko, Iryna<sup>3</sup>  1: West Virginia University, United States of America; 2: Mississippi State University, United States of America; 3: Industry</p> <p><b>Expectations Of German Stakeholders Regarding An Animal Welfare Monitoring</b>  <u>Treu, Hanna</u><sup>1</sup>; Schultheiß, Ute<sup>2</sup>; Magner, Regina<sup>2</sup>; Bergschmidt, Angela<sup>1</sup>; Johns, Julia<sup>1</sup>  1: Thünen Institute of Farm Economics, Germany; 2: Association for Technology and Structures in Agriculture (KTBL), Germany</p> <p><b>The Impact of Regional COVID-19 Outbreak on Consumers' Risk Perception of Purchasing Food Online</b>  <u>Liu, Weijun</u><sup>1</sup>; Cao, Mnegzhen<sup>1</sup>; Florkowski, Wojciech J.<sup>2</sup>  1: College of Economics and Management, Shanghai Ocean University, 999 Huchenghuan Road, Shanghai 201306, China; 2: The University of Georgia, United States of America</p>	<p><b>Tomas</b>  Institute of Agricultural Economics and Information, Czech Republic</p>	
<p>10:30am - 11:00am</p>	<p><b>BR2: Coffee break</b></p>			
<p>11:00am - 12:30pm</p>	<p><b>PL2: Global Food Systems, Economic Development and the Environment</b>  Location: <b>GRAND AUDITORIUM</b>  Chair: <b>Prof. Johan Swinnen</b>, CGIAR &amp; IFPRI</p> <p><b>Coming to Grips with the Performance of Agricultural Research Systems in Africa</b>  <u>Jayne, Thom</u>  Michigan State University, USA</p> <p><b>Fast And Furious: The Rise of Environmental Impact Reporting in Food Systems</b>  <u>Jansen, Marion</u>  The Organisation for Economic Co-operation and Development (OECD)</p>			
<p>12:30pm - 1:45pm</p>	<p><b>L1: Lunch</b></p>			
<p>1:45pm - 3:15pm</p>	<p><b>OS1.3: J. Wilkin session</b>  Location: <b>SALLE 6</b></p> <p><b>Rural Areas in a Changing World – session in memoriam of prof Jerzy Wilkin - EAAE Fellow</b></p>	<p><b>OS10.3: EU policy</b>  Location: <b>SALLE 14</b></p> <p><b>Public Policies For Agri-food Systems In A Changing World: How To Advance Towards A More Resilient And</b></p>	<p><b>OS11.3: EAAE early career</b>  Location: <b>SALLE 21</b></p> <p><b>EAAE Early Career Support Programs: The Journey So Far and Future Plans</b>  Chair(s): <b>Jambor, Attila</b></p>	<p><b>OS12.3: Consumption</b>  Location: <b>SALLE 18</b></p> <p><b>Transition Towards Sustainable Food Consumption Behaviour</b>  Chair(s): <b>Zander, Katrin</b></p>

**Chair(s): Malak-Rawlikowska, Agata** (Institute of Economics and Finance, Warsaw University of Life Sciences - SGGW, Poland), **Milczarek-Andrzejewska, Dominika** (Faculty of Economic Sciences, University of Warsaw, Poland), **Zawalińska, Katarzyna** (IRWiR, Polish Academy of Sciences, Poland)  
**Discussant(s): Matthews, Alan** (Trinity College Dublin, Ireland), **Swinnen, Johan** (CGIAR & IFPRI)

*Presentations of the Symposium*

### **Distribution of CAP Payments and Rural Development: Some Insights From Poland**

**Fałkowski, Jan<sup>1</sup>, Dries, Liesbeth<sup>2</sup>**

<sup>1</sup>Faculty of Economic Sciences, University of Warsaw, Poland,

<sup>2</sup>Wageningen University & Research, the Netherlands

### **Farming Structure and Vitality of Rural Communities: The Potential of Civic Agriculture**

**Curtis, Jarmila<sup>1</sup>, Theesfeld, Insa<sup>2</sup>, Ratering, Tomas<sup>3</sup>**

<sup>1</sup>Thünen Institute, Germany and Czech University of Life Sciences, Czechia, <sup>2</sup>Martin Luther University of Halle Wittenberg, Germany,

<sup>3</sup>Technology Centre Prague, Czechia

### **EU Common Agricultural Policy and Employment: The Case of Poland**

**Davidova, Sophia<sup>1</sup>, Zawalińska, Katarzyna<sup>2</sup>**

<sup>1</sup>School of Economics, University of Kent, UK,

<sup>2</sup>IRWiR, Polish Academy of Sciences, Poland

### **How Do Policies Shape Land-Use Conflicts Among Rural and Agricultural Stakeholders?**

**Milczarek-Andrzejewska, Dominika<sup>1</sup>, Malak-Rawlikowska, Agata<sup>2</sup>**

<sup>1</sup>Faculty of Economic Sciences, University of Warsaw, Poland, <sup>2</sup>Institute of Economics and Finance, Warsaw University of Life Sciences - SGGW, Poland

**OS13.3: Risk and resilience - CCR session**  
Location: **SALLE 19**

### **Sustainable EU Farming Sector? Panel session organised by the European Commission**

**Chair(s): Geslain-Laneelle, Catherine** (Directorate General of Agriculture and Rural Development of the European Commission)

*Presentations of the Symposium*

### **Panelist Diana Lenzi, Farmer and Former President of the European Council of Young Farmers**

**Lenzi, Diana**  
Farmer, Former President of the European Council of Young Farmers

### **Panelist Dirk Jacobs, Director General of FoodDrinkEurope**

**Jacobs, Dirk**  
Director General  
FoodDrinkEurope

### **Panelist Maura Farrell, Senior Lecturer at the University of Galway**

**Farrell, Maura**  
University of Galway

### **Panelist Jerzy Plewa, Former Director General at European Commission**

**Plewa, Jerzy**  
Former Director General at European Commission

**OS14.3: Land markets**  
Location: **SALLE 5**

**Alternative Models to**

(Corvinus University of Budapest, Hungary), **Souza Monteiro, Diogo** (Newcastle University)  
**Discussant(s): Oude Lansink, Alfons** (Wageningen University)

*Presentations of the Symposium*

### **EAAE PhD Network and Workshops: Past Experience and Lessons Learned**

**Salhofer, Klaus**  
University of Natural Resources and Life Sciences

### **EAAE Mentoring Program: Lessons from the 1st Edition**

**Souza Monteiro, Diogo**  
Newcastle University

### **EAAE Mentoring Programme: An Insider's View**

**Weinrich, Ramona**  
University of Hohenheim

### **Early Career Research Support: The case of AgEconMeet**

**de Mey, Yann**  
Wageningen University

**OS2.3: Sustainability along the supply chain**  
Location: **SALLE 3**

(University of Kassel), **Schäufele-Eibers, Isabel Marie-Luise** (Free University Bolzano, Italy)  
**Discussant(s): Risius, Antje** (PH Schwäbisch Gmünd)

*Presentations of the Symposium*

### **How To Trigger Positive Societal Tipping Points in Transitions To Sustainable Food Consumption?**

**Janssen, Meike, Schulze, Maureen, Michalewska, Maja**  
Copenhagen Business School

### **Consumer Preferences for Organic and Local Legume Products**

**Hüppe, Ronja, Zander, Katrin**  
University of Kassel

### **3. Is Nudging Effective To Reduce Meat Consumption In Food Service? A Systematic Review And Meta-Analysis Of Field Intervention Studies**

**Schäufele-Eibers, Isabel Marie-Luise<sup>1</sup>, Bosnjak, Michael<sup>2</sup>, Gastaldello, Giulia<sup>1</sup>, Schamel, Günter<sup>1</sup>**

<sup>1</sup>Free University of Bozen-Bolzano,

<sup>2</sup>University of Trier

### **Market Potential Of and Consumer Acceptance For Suboptimal Fruits And Vegetables: Evidence From Sales Tests In Organic Retail**

**Jahnke, Benedikt<sup>1</sup>, Kilian, David<sup>2</sup>**

<sup>1</sup>University of Kassel, <sup>2</sup>Thünen Institute

**OS3.3: Digital innovations**  
Location: **GRAND AUDITORIUM**

## How To Deal With Anticipated Increases Of Production Risks?

*Chair(s):* **Cordier, Jean** (Institut Agro Rennes-Angers), **Grossi, Paola** (COPACOGECA, Brussels)

*Presentations of the Symposium*

## Characteristics Of Extreme Production Losses And Implications For Risk Management

**Kapsambélis, Dorothée**  
Caisse Centrale de Reassurance

## Sanitary Risk Assessment Of Pesticide Ban In France

**Phéllippé-Guinvarc'h, Martial**  
Université du Mans

## Impact Of Climatic Risk On Farm Credit Default

**Bagnarosa, Guillaume**  
Rennes School of Business

## Can Options Trading Reduce Federal Outlays for Crop Insurance?

**Adjemian, Michael**  
University of Georgia

## understand the Agricultural Land Market

*Chair(s):* **Burny, Philippe** (The Walloon Agricultural Research Center), **Loughrey, Jason** (Teagasc)  
*Discussant(s):* **Kilcline, Kevin** (Teagasc), **Shrestha, Shailesh** (SRUC)

*Presentations of the Symposium*

## Investigating the Barriers and Enablers of Long-Term Land Leasing in Northern Ireland

**Adenuga, Adewale**, Jack, Claire, McGarry, Ronan  
AFBI

## Understanding the Agricultural Land Leasing Market in Ireland: A Transaction Cost Approach

**Onofri, Laura**<sup>1</sup>, **Trestini, Samuele**<sup>1</sup>, **Mamine, Fateh**<sup>2</sup>, **Loughrey, Jason**<sup>3</sup>  
<sup>1</sup>University of Padova, <sup>2</sup>INRA, <sup>3</sup>Teagasc

## Using Choice Experiments to Investigate Farmer Preferences for Land Mobility

**Geoghegan, Cathal**<sup>1</sup>, **Hynes, Stephen**<sup>1</sup>, **Kinsella, Anne**<sup>2</sup>, **O'Donoghue, Cathal**<sup>1</sup>  
<sup>1</sup>University of Galway, <sup>2</sup>Teagasc

## Effects of land market regulations – Agent-based analyses for Germany with AgriPoliS

**Heinrich, Florian**, **Appel, Franziska**, **Balman, Alfons**  
IAMO

## Shifting to Plant-Based Proteins: Changes in Food Production Technologies and Their Consequences on Food Markets (Part 2: Downstream Markets)

*Chair(s):* **Chenarides, Lauren** (Arizona State University, United States of America), **Bazzani, Claudia** (Universita di Verona)  
*Discussant(s):* **Sexton, Richard J.** (University of California, Davis), **Hirsch, Stefan** (University of Hohenheim, Germany)

*Presentations of the Symposium*

## Assessing the Substitutional and Complementary Patterns between Plant-Based and Animal-Based Meat Alternatives: An Economic Analysis via Basked Based Choice Experiment

**Caputo, Vincenzina**<sup>1</sup>, **Lusk, Jayson**<sup>2</sup>

<sup>1</sup>Michigan State University, <sup>2</sup>Purdue University

## Identity Labels as an Instrument to Reduce Meat Demand and Encourage Consumption of Plant Based and Cultured Meat Alternatives in China

**Ortega, David L.**<sup>1</sup>, **Sun, Jiayu**<sup>1</sup>, **Lin, Wen**<sup>2</sup>

<sup>1</sup>Michigan State University, <sup>2</sup>Zhejiang University, China

## Heterogeneous Consumer Preferences for Plant-based Meat and Hybrid Meat in Europe

**Asioli, Daniele**<sup>1</sup>, **Banovic, Marija**<sup>2</sup>, **Barone, Ada Maria**<sup>3</sup>, **Nguyen, Quoc Cuong**<sup>4</sup>, **Grasso, Simona**<sup>5</sup>

<sup>1</sup>University of Reading, England., <sup>2</sup>Aarhus University, Denmark, <sup>3</sup>Goldsmiths, University of London, <sup>4</sup>Ho Chi Minh City University of Technology, Vietnam, <sup>5</sup>University of Dublin, Ireland

## Diabetes and Plants: Consumption of Plant-Based Meat and Dairy Alternatives Following a Diabetes Diagnosis

**Chenarides, Lauren**<sup>1</sup>, **Stecher, Chad**<sup>1</sup>, **Cuffey, Joel**<sup>2</sup>, **Li, Wenying**<sup>2</sup>, **Zhao,**

## Challenges and Potentials of Precision Agriculture

*Chair(s):* **Graubner, Marten** (Martin-Luther-University Halle-Wittenberg and Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Halle, Germany)  
*Discussant(s):* **Meyer-Aurich, Andreas** (Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam, Germany)

*Presentations of the Symposium*

## A Behavioural Agent-based Modelling Approach for the Ex-ante Assessment of Policies Supporting Precision Agriculture

**Späti, Karin**, **Huber, Robert**, **Finger, Robert**  
Agricultural Economics and Policy Group, ETH Zurich, Zurich, Switzerland

## Digital Early Warning Systems in Animal Husbandry:

**Expectations versus Feasibility**  
**Umstätter, Christina**, **Stachowicz, Joanna**  
Thünen Institute of Agricultural Technologie, Braunschweig, Germany

## Scalability and Sustainability of Digital Extension: Are Farmers Willing to Pay?

**Oyinbo, Oyakhilomen**<sup>1</sup>, **Maertens, Miet**<sup>2</sup>, **Chamberlin, Jordan**<sup>3</sup>

<sup>1</sup>Department of Agricultural Economics, Ahmadu Bello University, Nigeria, <sup>2</sup>Division of Bioeconomics at the Department of Earth and Environmental Sciences, KU Leuven, Belgium, <sup>3</sup>International Maize and Wheat Improvement Center, Nairobi, Kenya

## Precision Farming – A Human Resource Management Perspective

**Graubner, Marten**  
Martin-Luther-University Halle-Wittenberg and Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Halle, Germany

		<p><b>Shuoli<sup>3</sup></b>  <sup>1</sup>Arizona State University,  <sup>2</sup>Auburn University,  <sup>3</sup>University of Kentucky</p>	
<p><b>OS4.3: Agri-environmental schemes and chemical use</b>  Location: <b>SALLE 13</b></p> <p><b>Economic Tools For The Transition To Pesticide-free Agriculture: Insights Into French Agriculture</b>  <i>Chair(s):</i> <b>Subervie, Julie</b> (INRAE, France), <b>Carpentier, Alain</b> (INRAE, France)  <i>Discussant(s):</i> <b>Perez-Soba, Marta</b> (EU Joint Research Centre), <b>Sckokai, Paolo</b> (UCSC)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Case Study On The Evolution Of Agrosupply In A Pesticide Free Production System</b>  <b>Fain, Edwige</b>, <b>Fugeray-Scarbel, Aline</b>, <b>Hervouet, Adrien</b>, <b>Lemarié, Stéphane</b> INRAE, France</p> <p><b>Designing Agri-environmental Schemes To Cope With Uncertainty</b>  <b>Lapierre, Margaux<sup>1</sup></b>, <b>Velly, Gwenolé<sup>2</sup></b>, <b>Bougherara, Douadia<sup>1</sup></b>, <b>Préget, Raphaelé<sup>1</sup></b>, <b>Sauquet, Alexandre<sup>1</sup></b>  <sup>1</sup>INRAE, France, <sup>2</sup>Institut Agro, France</p> <p><b>When Nudges Backfire: Evidence from a Randomized Field Experiment to Boost Biological Pest Control</b>  <b>Chabé-Ferret, Sylvain<sup>1</sup></b>, <b>Le Coent, Philippe<sup>2</sup></b>, <b>Préget, Raphaelé<sup>1</sup></b>, <b>Salanié, François<sup>1</sup></b>, <b>Subervie, Julie<sup>1</sup></b>, <b>Thoyer, Sophie<sup>1</sup></b>  <sup>1</sup>INRAE, France, <sup>2</sup>BRGM, France</p> <p><b>Revisiting The Economic And Behavioral Drivers of Farmers' Pesticide Uses Based On Prospect Theory</b>  <b>Carpentier, Alain</b>, <b>Reboud, Xavier</b>  INRAE, France</p>	<p><b>OS5.3: Climate change and climate policy</b>  Location: <b>SALLE 2</b></p> <p><b>Agricultural Emission Reduction, Carbon Leakage, and Carbon Border Adjustment Mechanism</b>  <i>Chair(s):</i> <b>Yu, Wusheng</b> (University of Copenhagen, Denmark), <b>Freund, Florian</b> (Thünen Institute of Market Analysis)  <i>Discussant(s):</i> <b>Gruere, Guillaume</b> (OECD)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Potential Carbon Leakage In Agriculture Under Future EU-ETS scenarios</b>  <b>Fournier Gabela, Julio G.</b>, <b>Freund, Florian</b>  Thünen Institute of Market Analysis</p> <p><b>Exploring Potential Impacts Of Carbon Border Adjustment Mechanisms And Climate Clubs In Agriculture</b>  <b>Jensby, Lærke</b>, <b>Clora, Francesco</b>, <b>Yu, Wusheng</b>  University of Copenhagen</p> <p><b>Border Carbon Adjustments In Agri-food Markets: Not As Effective As One Might Think?</b>  <b>Nordin, Ida<sup>1</sup></b>, <b>Wilhelmsson, Fredrik<sup>2</sup></b>, <b>Jansson, Torbjörn<sup>1</sup></b>, <b>Fellmann, Thomas<sup>3</sup></b>, <b>Barreiro-Hurle, Jesús<sup>3</sup></b>, <b>Himics, Mihaly<sup>3</sup></b>  <sup>1</sup>Swedish University of Agricultural Sciences, <sup>2</sup>Lund University, <sup>3</sup>European Commission, Joint Research Centre Seville</p> <p><b>Food Security Consequences of Cooperative And Equitable Carbon Border Adjustment Mechanisms</b>  <b>Pieralli, Simone</b>, <b>Elleby, Christian</b>, <b>Pérez-Domínguez, Ignacio</b>  European Commission, Joint Research Centre Seville</p>	<p><b>OS6.3: Food supply chains</b>  Location: <b>SALLE 12</b></p> <p><b>Industrial Organization and Food Supply Chains</b>  <i>Chair(s):</i> <b>Richards, Timothy James</b> (Arizona State University, United States of America), <b>Bouamra-Mechemache, Zohra</b> (INRAE and Toulouse School of Economics)  <i>Discussant(s):</i> <b>McCorriston, Steve</b> (University of Exeter)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Dollar Store Growth and Food Prices</b>  <b>Cakir, Metin<sup>1</sup></b>, <b>Chenarides, Lauren<sup>2</sup></b>, <b>Li, Qingxiao<sup>3</sup></b>, <b>Richards, Timothy James<sup>2</sup></b>  <sup>1</sup>University of Minnesota, <sup>2</sup>Arizona State University, <sup>3</sup>Louisiana State University</p> <p><b>Meat Sector and Carbon Footprint Taxes: What is the Role of Firms in Climate-Change Mitigation?</b>  <b>Bonnet, Celine</b>, <b>Bouamra-Mechemache, Zohra</b>  INRAE and Toulouse School of Economics</p> <p><b>Unhealthy Food, Regulations, and Consumer Welfare: The U.S. Microwaveable Popcorn Market</b>  <b>Bauner, Christoph<sup>1</sup></b>, <b>Prasad Mohapatra, Debi<sup>1</sup></b>, <b>Streletskaia, Nadia<sup>2</sup></b>, <b>Wang, Emily<sup>1</sup></b>  <sup>1</sup>University of Massachusetts, <sup>2</sup>Oregon State University</p> <p><b>Proliferation of Quality Grades and Consumer Surplus: Evidence from a Structural Model</b>  <b>Scott, Francisco<sup>1</sup></b>, <b>Sesmero, Juan<sup>2</sup></b>  <sup>1</sup>Kansas City Federal Reserve Board, <sup>2</sup>Purdue University</p>	<p><b>OS7.3: Novel methods</b>  Location: <b>HORIZONS</b></p> <p><b>Replications and Replicability in Agricultural Economics</b>  <i>Chair(s):</i> <b>Henningsen, Arne</b> (University of Copenhagen, Denmark), <b>Crosetto, Paolo</b> (INRAE)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Experiences with Editing a Special Issue "Replications in Agricultural Economics"</b>  <b>Finger, Robert<sup>1</sup></b>, <b>Grebitus, Carola<sup>2</sup></b>, <b>Henningsen, Arne<sup>3</sup></b>  <sup>1</sup>ETH Zürich, <sup>2</sup>Arizona State University, <sup>3</sup>University of Copenhagen</p> <p><b>Do Questionable Research Practices Jeopardise the Credibility and Replicability of Agricultural Economics Research?</b>  <b>Shukla, Pallavi<sup>1</sup></b>, <b>Ferraro, Paul<sup>2</sup></b>  <sup>1</sup>Deakin University, <sup>2</sup>Johns Hopkins University</p> <p><b>How Can We Use Pre-Registration to Improve Replicability of Agricultural Economics Research?</b>  <b>Rommel, Jens<sup>1</sup></b>, <b>Sagebiel, Julian<sup>2</sup></b>, <b>Schulze, Christoph<sup>3</sup></b>  <sup>1</sup>Swedish University of Agricultural Sciences, <sup>2</sup>German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, <sup>3</sup>Leibniz Centre for Agricultural Landscape Research</p> <p><b>Replication and Replicability: an AgEcon Journal Editors' perspective</b>  <b>Hüttel, Silke<sup>1</sup></b>, <b>Hess, Sebastian<sup>2</sup></b>  <sup>1</sup>University of Göttingen, <sup>2</sup>University of Hohenheim</p>

**OS8.3: Food systems**Location: **SALLE 4****Connecting Society via Biodiverse Agrifood Systems**

*Chair(s):* **Verbeke, Wim** (Ghent University, Belgium)  
*Discussant(s):* **Romano, Donato** (University of Florence, Italy)

*Presentations of the Symposium***From Fork To Farm Biodiverse Agrifood Systems**

**Mattas, Konstadinos<sup>1</sup>, Chiffolleau, Yuna<sup>2</sup>, Haesaert, Geert<sup>3</sup>, Vasconelos, Marta<sup>4</sup>**

<sup>1</sup>Aristotle University of Thessaloniki, <sup>2</sup>INRAE, France, <sup>3</sup>Ghent University, <sup>4</sup>Universidade Catolica Portuguesa

**Reversing The Trend Of Agrobiodiversity Decline By Co-developing Short Food Chains**

**Chiffolleau, Y.<sup>1</sup>, Desclaux, D.<sup>1</sup>, Loconto, A.<sup>1</sup>, Dourian, T.<sup>1</sup>, Galli, F.<sup>2</sup>, Mattioni, D.<sup>2</sup>, Colombo, L.<sup>3</sup>, Vaz Patto, C.<sup>4</sup>, Feher, J.<sup>5</sup>, Szira, F.<sup>5</sup>, Lazzaro, T.<sup>6</sup>, Robin, M.H.<sup>7</sup>, Jard, G.<sup>7</sup>, Desoutter, L.<sup>1</sup>**

<sup>1</sup>INRAE, France, <sup>2</sup>Pisa University, Italy, <sup>3</sup>FIRAB, Italy, <sup>4</sup>Nova University of Lisbon, Portugal, <sup>5</sup>OMKI, Hungary, <sup>6</sup>FIBL, Switzerland, <sup>7</sup>EIP Purpan, France

**Agro-biodiversity Based Food Systems: Exploring The Potential Of The Lentils Value Chain In Italy**

**Marta, Verza<sup>1</sup>, Camanzi, Luca<sup>1</sup>, Malorgio, Giulio<sup>1</sup>, Rota, Cosimo<sup>1</sup>, Mulazzani, Luca<sup>1</sup>, Mattas, Konstadinos<sup>2</sup>**

<sup>1</sup>Alma Mater Studiorum University of Bologna, <sup>2</sup>Aristotle University of Thessaloniki

**Mixed Intercropping Of Grain Legumes With Small Grain Cereals, A Sustainable Source Of European-grown Plant-based Diets For Cattle**

**Zustovi, R.<sup>1</sup>, Verlinden, G.<sup>1</sup>, Gislum, R.<sup>2</sup>, Herrmann, M.<sup>3</sup>, Vogelgsang, S.<sup>4</sup>, Jevtic, R.<sup>5</sup>, Dickin, E.<sup>6</sup>, Randal,**

**OS9.3: Agrifood trade**Location: **SALLE 20****International Agricultural Trade And Sustainability - Challenges to Applied Trade Models**

*Chair(s):* **Banse, Martin** (Thünen Institute, Germany)  
*Discussant(s):* **Gay, Hubertus** (OECD)

*Presentations of the Symposium***Transforming Intra-African Trade And Addressing Climate Change: The Case For African Continental Free Trade Area**

**Karingi, Stephen<sup>1</sup>, Fontagné, Lionel<sup>2</sup>, Mevel, Simon<sup>1</sup>, Mitaritonna, Cristina<sup>3</sup>, Zheng, Yu<sup>3</sup>**

<sup>1</sup>Regional Integration and Trade Division of the Economic Commission for Africa, <sup>2</sup>Sorbonne University, <sup>3</sup>CEPII

**What Will Agricultural Production Look Like In 2050?**

**Beckman, Jayson, Dong, Fengxia, Ivanic, Maros, Nava, Noe**  
 USDA-ERS

**CGE Based Agri-food Trade Scenarios Friendly For The Environment - Thinking Out Of The Box**

**Hagemejer, Jan, Zawalińska, Katarzyna, Jendrzewski, Blazej, Krupin, Vitaliy**  
 CASE, Center for Social and Economic Research

**How To Integrate The Social Dimension Of Sustainability Into A Model-based Assessment?**

**Banse, Martin<sup>1</sup>, Revesz, Tamas<sup>2</sup>**

<sup>1</sup>Thünen Institute, <sup>2</sup>Corvinus University

**PSTR1.3: Climate Change 1**Location: **SCREEN 1**Chair: **Una Therese Sinnott**, Teagasc**The Value of Successful Adaptation to Climate Change in Finnish Agriculture in Different Socio-economic Scenarios**

**Lehtonen, Heikki; Tzemi, Domna**

Natural Resources Institute Finland (Luke), Finland

**Assessing the Impact of Weather Extreme on the Food Prices in the Mediterranean and Sub-Saharan Africa Regions**

**Ahmed, Osama Ahmed; Yugay, Stanislav; Götz, Linde; Svanidze, Miranda**

Leibniz-Institute of Agricultural Development in Transition Economies (IAMO), Germany

**Japanese Wild Boars Head North: Climate Change, Wildlife Conflict, and Structural Change in Agriculture**

**Takayama, Taisuke<sup>1</sup>; Mameno, Kota<sup>2</sup>; Fujie, Takeshi<sup>3</sup>; Senda, Tetsuji<sup>4</sup>; Mochizuki, Shota<sup>1</sup>; Hibiki, Akira<sup>2</sup>; Takano, Masahiro<sup>1</sup>**  
 1: Fukushima University; 2: Tohoku University; 3: Meiji University; 4: Kyoto University

**Economic Welfare Effects Due to Climate Change-Induced Heat Stress in Burkina Faso**

**Houessou, Martial; Aurelien K.; Elnour, Zuhail; Grethe, Harald**  
 Humboldt University, Germany

**Effects Of Climate Change and Adaptation Strategies On Food Security - Lessons From Nepal**

**Kandel, Giri Prasad<sup>1</sup>; Bavorova, Miroslava<sup>1</sup>; Ullah, Ayat<sup>1</sup>; Kaechele, Harald<sup>2</sup>; Pradhan, Prajal<sup>3</sup>**  
 1: Czech University of Life Sciences, Czech Republic; 2: Leibniz-Centre for Agricultural Landscape Research (ZALF) e.V.; 3: Potsdam Institute for Climate Impact Research (PIK)

**Transition Pathways for****PSTR2.3: Digitalization**Location: **SCREEN 2**Chair: **Margo Degieter**, Ghent University**Digital Platforms in the Agricultural Sector: Dynamics of Oligopolistic Platformization**

**Sauvagerd, Monja; Hartmann, Monika; Mayer, Maximilian**  
 University of Bonn, Germany

**Understanding the effects of the integration of digital technologies on labor market in European Union countries: A Fixed Effects Regression Analysis**

**Diallo, Mariam; Amadou<sup>1</sup>; Delgado, M del Mar<sup>2</sup>; D'Haese, Marijke<sup>1</sup>; Buysse, Jeroen<sup>1</sup>**

1: Ghent University, Belgium; 2: Universidad de Córdoba

**Use Cases of the Integrated Administration and Control System's Plot-level Data: A Systematic Mapping Review**

**Wesemeyer, Maximilian<sup>1</sup>; Eder, Andreas<sup>2</sup>; Hüttel, Silke<sup>3</sup>; Lakes, Tobia<sup>1,4</sup>; Schaak, Henning<sup>5</sup>; Seifert, Stefan<sup>3</sup>; Wolff, Saskia<sup>6</sup>; Leonhardt, Heidi<sup>2</sup>**

1: Humboldt University of Berlin, Geography Department, Applied Geoinformation Science, Berlin, Germany; 2: University of Natural Resources and Life Sciences Vienna, Austria, Institute for Sustainable Economic Development; 3: Georg-August-Universität Göttingen, Department of Agricultural Economics and Rural Development (DARE), Agricultural and Food Business Management Group, Göttingen, Germany; 4: Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin; 5: University of Natural Resources and Life Sciences Vienna, Austria, Institute for

**N.<sup>6</sup>, Da Silva, M.<sup>7</sup>,  
Neubeck, K.<sup>8</sup>, Niewinska,  
M.<sup>9</sup>, Yewbrey, T.<sup>10</sup>,  
Haesaert, G.<sup>1</sup>**

<sup>1</sup>Ghent University, <sup>2</sup>Julius  
Kühn Institute, <sup>3</sup>Aarhus  
University,

<sup>4</sup>Eidgenössisches  
Departement für Wirtschaft,  
Bildung und Forschung  
WBF, Agroscope,  
Kompetenzbereich Pflanzen  
und pflanzliche Produkte,

<sup>5</sup>Institute of Field and  
Vegetable Crops, Serbia,

<sup>6</sup>Harper Adams University,

<sup>7</sup>Institute of Agrifood  
research and Technology,  
Spain, <sup>8</sup>Forschung &  
Züchtung, landbauschule  
Dottenfelderhof e.V.,

Germany, <sup>9</sup>DANKO  
Hodowla Roślin Sp. z o.o.,  
Poland, <sup>10</sup>Senova ltd.,  
United Kingdom

### **a Low Carbon Agriculture in Finland: Assessing Their Feasibility and Consequences**

**Niemi, Jyrki<sup>1</sup>; Huan-Niemi,  
Ellen<sup>1</sup>; Kaljonen, Minna<sup>2</sup>;  
Lehtonen, Heikki<sup>1</sup>;  
Wejberg, Henrik<sup>1</sup>**  
1: Natural Resources  
Institute Finland, Finland; 2:  
Finnish Environment  
Institute

### **Price Differentiation Of Irrigation Service As Adaptive Response To Climate Change. Insights From A Case Study In The Mediterranean Basin**

**Mirra, Laura<sup>1</sup>; Gutiérrez-  
Martín, Carlos<sup>2</sup>;  
Giannoccaro, Giacomo<sup>3</sup>**  
1: Water reserach institute-  
cnr, Italy; 2: University of  
Cordoba, Spain; 3:  
University of Bari "Aldo  
Moro", Italy

### **Utilising A Farmer Typology To Evaluate The Position Of Irish Farmers Towards Their Greenhouse Gas Emissions**

**Sinnott, Una<sup>1,2</sup>; Breen,  
James<sup>1</sup>; Krol, Dominika<sup>2</sup>;  
Buckley, Cathal<sup>2</sup>**  
1: University College Dublin;  
2: Teagasc

### **National Food and Land Mitigation Pathways for Net Zero**

**Adenauer, Lucie<sup>1</sup>;  
Mosnier, Aline<sup>1</sup>; Douzal,  
Clara<sup>1</sup>; Frank, Federico<sup>2</sup>;  
Monjeau, Adrian<sup>3</sup>; Wade,  
Christopher<sup>4</sup>; McCord,  
Gordon<sup>5</sup>; Baker, Justin<sup>4</sup>;  
Wu, Grace<sup>6</sup>; Kumar Jha,  
Chandan<sup>7</sup>; Kumar Ghosh,  
Ranjan<sup>7</sup>; Singh, Vartika<sup>7</sup>;  
Das, Prantika<sup>7</sup>; Garza  
Fuentes, Barbara<sup>1</sup>; Diaz,  
Maria<sup>1</sup>; Orduña-Cabrera,  
Fernando<sup>8</sup>; Bagherzadeh,  
Morvarid<sup>1</sup>**

1: UN Sustainable  
Development Solutions  
Network, France; 2: National  
Agricultural Technology  
Institute (INTA); 3:  
Fundación Bariloche; 4: RTI  
International; 5: University of  
California San Diego  
(UCSD); 6: The Nature  
Conservancy (TNC);  
National Center for  
Ecological Analysis and  
Synthesis (NCEAS); 7:  
Indian Institute of  
Management Ahmedabad  
(IIMA); 8: IIASA

Agricultural and Forestry  
Economics; 6: University  
of Bonn, Institute for  
Food and Resource  
Economics, Bonn,  
Germany

### **Smart Agriculture for Sustainable Food Security Using the Internet of Things (IoT) in Uganda**

**Dayoub, Moammar**  
University of Turku,  
Finland

### **“Does Context Matter?” – An Experimental Analysis of Public Perceptions Towards Autonomous Crop Farming**

**Zeddies, Hendrik; Qaim,  
Matin**  
University of Bonn,  
Center for Development  
Research Germany

### **Harmonising the Policy Instruments of the European Union and its Member States to Create the Data Space for Agriculture**

**Kukk, Martin; Viira,  
Ants-Hannes**  
Estonian University of  
Life Sciences

### **A Conceptual Framework of the Structural and Behavioural Changes Following Technology Adoption: What Happens When New Technology is Implemented on Farms?**

**Martinsson, Elin;  
Storm, Hugo**  
University of Bonn,  
Germany

### **Farmers' Attitudes Towards Laser Based Weeding**

**Degieter, Margo; Tran,  
Duc; De Steur, Hans;  
Gellynck, Xavier;  
Schouteten, Joachim  
Jietse**  
Ghent University, Belgium

### **PSTR3.3: Pests and Diseases**

Location: **SCREEN 3**  
Chair: **Felix Witte**, University of Hohenheim

#### **Distortion Of Competition On The European Market: A Brake On The Exit Of Pesticides In Europe? The Case Of Neonicotinoids**

**Laroche Dupraz, Catherine<sup>1,2</sup>; Ropars, Carole<sup>1,2</sup>**

1: Institut Agro Rennes-Angers, France; 2: UMR SMART INRAE Institut Agro

#### **Predicting Foodborne Disease Outbreaks with Food Safety**

##### **Certifications: An Machine Learning Approach for the United States and Europe**

**Zheng, Yuqing<sup>1</sup>; Gracia, Azucena<sup>2</sup>; Hu, Lijiao<sup>3</sup>**

1: University of Kentucky, United States of America; 2: Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA); 3: California State University, Chico

#### **Pesticide-Free or IPM: Which Ways Greenhouse Tomato Growers Choose to Reduce Pesticide Use?**

**Enjolras, Geoffroy<sup>1</sup>; Aubert, Magali<sup>2</sup>**

1: CERAG, Université Grenoble Alpes, France; 2: UMR MOISA, INRAE, Montpellier, France

#### **The Economic Costs And Practices For The Fight Against V. Velutina Nigrithorax In Beekeeping, A Survey In Four European Regions**

**García-Arias, Ana-Isabel<sup>1</sup>; Ferreira-Golpe, María Amparo<sup>1</sup>; Vázquez-González, Ibán<sup>1</sup>; Nave, Anabela<sup>2</sup>; García-Pérez, Ana-Luisa<sup>3</sup>; Thiery, Denis<sup>4</sup>; Godinho, Joana<sup>2</sup>**

1: University of Santiago de Compostela, Spain; 2: Instituto Nacional de Investigação Agrária e Veterinária, I. P. (INIAV), Portugal.; 3: NEIKER, Basque Institute for Agricultural Research and Development, Spain; 4: INRAE Nouvelle-Aquitaine Bordeaux centre, France

### **PSTR4.3: Agricultural Trade 2**

Location: **SCREEN 4**  
Chair: **Dr. Nina Drejerska**, Warsaw University of Life Sciences

#### **Are Phytosanitary Concerns Hampering Trade? Evidence from the EU's Plant Health Measures Relating to extra-EU Imports**

**Garcia-Alvarez-Coque, Jose-Maria<sup>1</sup>; Marti, Luisa<sup>1</sup>; Martinez-Gomez, Victor<sup>1</sup>; Barreiro-Hurle, Jesus<sup>2</sup>**

1: UNIVERSITAT POLITÈCNICA DE VALÈNCIA, Spain; 2: JOINT RESEARCH CENTRE AT THE EUROPEAN COMMISSION, Spain

#### **Kosovo Agricultural Export Performance: Evidence from Gravity Model Analysis**

**Braha, Kushtrim<sup>2</sup>; Qineti, Artan<sup>1</sup>; Pokrivcak, Jan<sup>1</sup>; Usaj, Vesel<sup>2</sup>; Musliu, Anera<sup>2</sup>; Sopaj, Leonora<sup>2</sup>**

1: Slovak University of Agriculture in Nitra, Slovak Republic; 2: University "Ukshin Hoti" Prizren, Prizren, Republic of Kosovo

#### **The Stability of Global Wheat Trade Network in the Post-Soviet Era; Trade Duration Approach**

**Jamali Jaghdani, Tinoush; Glauben, Thomas; Prehn, Sören; Götz, Linde; Svanidze, Miranda**

Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany

#### **Brexit's Trade Impacts at Regional Level: The Case of French and U.K. Regions**

**Syngelas, Konstantinos G.<sup>1</sup>; Cheptea, Angela<sup>2</sup>; Huchet, Marilyne<sup>1</sup>**

1: L'Institut Agro Rennes-Angers, France; 2: INRAE

#### **Trade Network and Import Diversity: Evidence from Wheat Import in African Countries**

**Yu, Xiaohua**  
University of Goettingen, Germany

#### **Interlinkages Between Agri-food Trade And The SDGs: A Literature Mapping Exercise**

### **PSTR5.3: Consumer Behaviour**

Location: **SCREEN 5**  
Chair: **Prof. Teresa Del Giudice**, University of Naples Federico II

#### **Determinants of Meat and Fish Consumption in Five European Countries**

**Kmetkova, Diana; Scasny, Milan; Zverinova, Iva; Maca, Vojtech**  
Charles University, Czech Republic

#### **Drivers of the Demand for Raw Milk from Vending Machines in Germany**

**Baaken, Dominik; Hess, Sebastian**  
University of Hohenheim, Germany

#### **Consumer Segmentation for Pesticide Free Food Products in Germany**

**Wendt, Marie-Catherine; Weinrich, Ramona**  
University of Hohenheim, Germany

#### **Consumer Behaviour In Food Products Shopping In Relation To Food Waste**

**Dolanova, Ivana; Valenta, Matej**  
Institute of Agricultural Economics and Information, Czech Republic

#### **Consumers' Perceptions And Willingness to Pay Towards Organic Aquaculture In Spain**

**Escobar, Cristina<sup>1</sup>; Mustapa, Muhammad Adzran Che<sup>1</sup>; Banus, Marti<sup>2</sup>; Kallas, Zein<sup>1,3</sup>**  
1: CREDA-UPC-IRTA, Spain; 2: Facultat de Biologia - Universitat de Barcelona; 3: DEAB (Department of Agrifood Engineering and Biotechnology-UPC)

#### **Effectiveness of Identity Labelling in Promoting Ethical Choices: Evidence from an Experimental Auction**

**Piracci, Giovanna; Radicioni, Elena; Boncinelli, Fabio; Casini, Leonardo**  
University of Florence, Italy

#### **Understanding The Behaviour Of Slovenian**

### **PSTR6.3: Discrete Choice Analysis**

Location: **SCREEN 6**  
Chair: **Prof. Sinne Smed**, University of Copenhagen

#### **Improving Migrant Seasonal Workers Living And Working Conditions: Assessing Consumer Preferences For Domestic Fair Trade Apples**

**Thiermann, Insa Maria<sup>1</sup>; Latacz-Lohmann, Uwe<sup>2</sup>**  
1: Wageningen University and Research, Germany; 2: Kiel University, Germany

#### **Do UK Meat Consumers Value the Use of Methane Inhibitors in Beef Cattle and Dairy Cow Feed to Reduce Enteric Methane Emissions**

**Akaichi, Faical**  
Scotland's Rural College, United Kingdom

#### **What Limits Farmer Adoption of Semi-Natural Habitats for Environmental Benefit at Landscape Scales: a Choice Experiment in Five European Countries?**

**Kerouaz, Fathallah<sup>1</sup>; David, Maia<sup>2</sup>; Bohan, David<sup>1</sup>; Rambonilaza, Tina<sup>3</sup>**  
1: INRAE UMR AGROECOLOGIE, France; 2: Université Paris-Saclay, AgroParisTech, INRAE, Paris-Saclay Applied Economics, France; 3: INRAE, UMR CESAER, France

#### **Determining Farmers Willingness To Participate In The Procedure Of Hay-Transfer As An Environmental Measure With A Discrete Choice Experiment**

**Rannow, Wenke; Schreiner, Julia Anette**  
Christian-Albrechts-Universität zu Kiel, Germany

#### **How do Consumers Value Blockchain-based Traceability Information**

**Cost-Effectiveness of Sea Lice Management Measures for Farmed Atlantic Salmon (*Salmo Salar*) in Scotland**

**Boerlage, Annette<sup>1</sup>; Shrestha, Shailesh<sup>1</sup>; Leinonen, Ilkka<sup>1</sup>; Dverdal Jansen, Mona<sup>2</sup>; Revie, Crawford<sup>3</sup>; Reeves, Aaron<sup>1</sup>; Toma, Luiza<sup>1</sup>**

1: SRUC, United Kingdom; 2: Norwegian Veterinary Institute; 3: University of Strathclyde

**Economic Impacts of Salmonella Dublin in dairy farms: Evidence from Denmark**

**Belay, Dagim**

University of Copenhagen, Denmark

**Assessing The Role Of Farmers' And Other Value Chain Actors' Behaviour In IPM Adoption. A Qualitative Study In Flanders, Belgium**

**Sciffer, Clara; Peeters, Kaat; Wauters, Erwin**

Flanders Research Institute for Agriculture, Fisheries and Food, Belgium

**Cost-Effectiveness of Intervention Measures Against *Campylobacter* in Broiler Fattening – A Systematic Literature Review**

**Koch, Sebastian**

Thünen-Institut, Germany

**Reducing The Harmonized Risk Indicator 1 By 50% Until 2030 – A Realistic Target?**

**Witte, Felix; Sponagel, Christian; Bahrs, Enno**

University of Hohenheim, Germany

**Armah, Ralph<sup>1</sup>; Abbey, Emmanuel<sup>2</sup>; Butu, Makafui M.<sup>2</sup>; Turkson, Festus E.<sup>2</sup>;**

**Quartey, Peter<sup>1</sup>; Huan-Niemi, Ellen<sup>3</sup>**

1: Institute of Statistical, Social and Economic Research (ISSER), University of Ghana; 2: Department of Economics, University of Ghana; 3: Natural Resources Institute Finland (Luke)

**The Information Content of the Limit Order Book in the Prediction of Option Implied Risk-Neutral Densities**

**Haller, Vincent; Trujillo-Barrera, Andres;**

**Pennings, Joost M.E.** Maastricht University, Netherlands

**Testing Regional Market Integration Across Eight Dairy Product Price Series**

**Neupane, Sulakshan<sup>1</sup>;**

**Florkowski, Wojciech J.<sup>1</sup>;**

**Klepacka, Anna M.<sup>2</sup>;**

**Revoredo-Giha, Cesar<sup>3</sup>**

1: The University of Georgia, United States of America; 2: Institute of Economics and Finance, Warsaw University of Life Sciences-SGGW, Warsaw, Poland; 3: Scotland's Rural College, Edinburgh, Scotland

**Exploring Farmers' Financing Behavior: Real-World Practices and a Conceptual Framework**

**Drejerska, Nina;**

**Franc\_Dąbrowska, Justyna**

Warsaw University of Life Sciences, Poland

**Consumers Regarding Food Waste Generation And Reduction**

**Rac, Ilona; Alif, Živa**

University of Ljubljana Biotechnical faculty, Slovenia

**Adjunct Questions: a Hook for Consideration Process in Stated Choice Experiments?**

**Radu, Madalina; Erdem,**

**Seda; Campbell, Danny** University of Stirling, United Kingdom

**Citizens' Willingness To Support Farmer's Adoption Of Low Crude Protein Diet In Pig Production.**

**Goumeida, Kenza<sup>1,2</sup>;**

**Rahmani, Djamel<sup>1,2</sup>; Gil**

**Roig, José María<sup>1,2</sup>**

1: Polytechnique University of Catalonia (UPC), Spain; 2: The Center for Agro-food Economy and Development (CREDA)

**Anchovy Adventure: A Study on Italian Consumer Preferences for Tunisian Anchovies using Focus Groups and Means-End Chain Technique.**

**Ciriello, Anastasia<sup>1</sup>; Di**

**Monaco, Rossella<sup>1</sup>; Puleo,**

**Sharon<sup>1</sup>; Mincione,**

**Simona<sup>2</sup>; Saidi, Ahmed<sup>1</sup>;**

**Del Giudice, Teresa<sup>1</sup>**

1: University of Naples Federico II, Italy; 2: ENCO SRL

**Embedded in QR Codes? A Choice Experiment.**

**Tran, Duc; Schouteten,**

**Joachim; Gellynck, Xavier; De Steur, Hans** Ghent University, Belgium

**Flourishing Landscapes Or Maize Monoculture? – Understanding Farmers' Willingness To Cultivate Alternative Energy Crops**

**Schreiner, Julia Anette;**

**Latacz-Lohmann, Uwe** Kiel University, Germany

**Establishing 10% Non-Productive Features On Farmland For Biodiversity: How To Design An Effective Policy To Meet The Goal**

**Alif, Živa; Šumrada, Tanja**

Biotechnical faculty, University of Ljubljana, Slovenia

**Farmers' Perceptions of Climate Change Mitigation in Northern Kazakh Agriculture**

**Vanermen, Iris; De**

**Pauw, Veronique;**

**Vranken, Liesbet**

KU Leuven, Belgium

**Meat Wars: Measuring Consumer Preferences for Hybrid Plant-based Versus Pork Meat Alternatives in an Omnivorous Population.**

**Ballco, Petjon<sup>1,2,3</sup>;**

**Gracia, Azucena<sup>2,4</sup>**

1: Departamento de Ciencias Agrarias y del Medio Natural, Universidad de Zaragoza, Miguel Servet, 177, 50013 - Zaragoza, Spain.; 2: Instituto Agroalimentario de Aragón – IA2 (CITA- Universidad de Zaragoza).; 3: Dyson School of Applied Economics and Management, Cornell University, 137 Reservoir Ave, Ithaca, NY 14853, Ithaca - NY, USA.; 4: Unidad de Economía Agroalimentaria. Centro de Investigación y Tecnología



**Willingness to Pay for food produced with recirculated nutrients - a Choice Experiment**

**Smed, Sinne**  
University of Copenhagen, Denmark

<p>3:15pm - 3:45pm</p>	<p><b>BR3: Refreshments break</b></p>			
<p>3:45pm - 5:15pm</p>	<p><b>CPS1.4: Environmental Sustainability 3</b> Location: <b>SALLE 2</b> Chair: <b>Dr. Liesbeth Dries</b>, Wageningen University</p> <p><b>Culture and Agricultural Biodiversity Conservation</b> <b>Wang, Yanbing</b><sup>1</sup>; <b>Schaub, Sergei</b><sup>1,2</sup>; <b>Wuepper, David</b><sup>2</sup>; <b>Finger, Robert</b><sup>2</sup> 1: Agroscope, Switzerland; 2: ETH Zürich, Switzerland</p> <p><b>The Design of Collective Schemes for Biodiversity Conservation in Working Landscapes</b> <b>Zavalloni, Matteo</b><sup>1</sup>; <b>Bareille, Francois</b><sup>2</sup>; <b>Viaggi, Davide</b><sup>3</sup> 1: University of Urbino Carlo Bo, Italy; 2: Paris-Saclay University, INRAE, AgroParisTech, Economie Publique; 3: University of Bologna</p> <p><b>The Effect Of Agri-Environmental Payments On Measured Biodiversity: Evidence From Switzerland</b> <b>Schaub, Sergei</b><sup>1</sup>; <b>Bonev, Petyo</b><sup>1,2</sup> 1: Managerial Economics in Agriculture, Agroscope, Switzerland; 2: University of St. Gallen, Switzerland</p> <p><b>Do We Like the Look of Agriculture? A Discrete Choice Experiment To Evaluate Aesthetic Value Of Agricultural Landscape</b> <b>Van Ruymbeke, Kato</b><sup>1</sup>; <b>Zanni, Alberto</b><sup>2</sup>; <b>Bailey, Alistair</b><sup>2</sup>; <b>Davidova, Sophia</b><sup>2</sup>; <b>Bakucs, Zoltan</b><sup>3</sup>; <b>Mathijs, Erik</b><sup>1</sup>; <b>Vranken, Liesbet</b><sup>1</sup> 1: KU Leuven, Belgium; 2: University of Kent, England; 3: KRTK, Hungary</p>	<p><b>CPS10.4: Sustainability - Policy Impact</b> Location: <b>SALLE 20</b> Chair: <b>Dr. Marijke Kuiper</b>, Wageningen Economic Research – Wageningen University &amp; Research</p> <p><b>Ecological Networks and the Production-Conservation Trade-Off: a French Farmland Case Study</b> <b>Cocco, Valentin</b><sup>1,2,3</sup>; <b>Kervinio, Yann</b><sup>1</sup>; <b>Mouysset, Lauriane</b><sup>1</sup> 1: Université Paris-Saclay, AgroParisTech, CNRS, Ecole des Ponts ParisTech, Cirad, EHESS, UMR CIREN, 94130, Nogent-sur-Marne, France; 2: Université Paris-Saclay, AgroParisTech, INRAE, UMR Paris-Saclay Applied Economics, 91120 Palaiseau, France; 3: Université Paris Sciences et Lettres, Ecole normale supérieure, Département de Biologie, 75005, Paris, France</p> <p><b>Green Public Procurement of Agrifood Products: A Business Model View</b> <b>Lioutas, Evangelos D.</b><sup>1</sup>; <b>Michailidis, Anastasios</b><sup>2</sup>; <b>Charatsari, Chrysanthi</b><sup>2</sup>; <b>Aidonis, Dimitrios</b><sup>1</sup>; <b>Prosperi, Paolo</b><sup>3</sup>; <b>El Khechen, Reem</b><sup>3</sup>; <b>Partalidou, Maria</b><sup>2</sup>; <b>Achillas, Charisios</b><sup>1</sup>; <b>Nastis, Stefanos</b><sup>2</sup>; <b>Camanzi, Luca</b><sup>4</sup> 1: International Hellenic University, Department of Supply Chain Management, Katerini, Greece; 2: Aristotle University of Thessaloniki, School of Agriculture, Department of Agricultural Economics, Greece; 3: CIHEAM-IAMM, UMR MolSA, F-34093, Montpellier, France and MolSA, Univ Montpellier, CIHEAM-IAMM, CIRAD, INRAE, Institut Agro, IRD, Montpellier, France; 4: Università di Bologna, Department of Agricultural</p>	<p><b>CPS11.4: Economy-wide Studies</b> Location: <b>SALLE 12</b> Chair: <b>Prof. Iddo Kan</b>, Hebrew University of Jerusalem</p> <p><b>Ukrainian Agriculture Sector Through the War to the Growth: Pathways, Drivers, And Policy Implications</b> <b>Nehrey, Maryna</b>; <b>Finger, Robert</b> Agricultural Economics and Policy Group, ETH Zurich</p> <p><b>Measuring the Chinese Bioeconomy: A Hypothetical Extraction Method with Input-Output Tables</b> <b>Zhu, Mengshuai</b><sup>1,2</sup>; <b>Cingiz, Kutay</b><sup>2</sup>; <b>Liu, Jifang</b><sup>1</sup>; <b>Wesseler, Justus</b><sup>2</sup> 1: Agriculture Information Institute, Chinese Academy of Agriculture Sciences; 2: Wageningen University, The Netherlands</p> <p><b>Economy-wide Effects Of Energy Import Shocks On The Slovak Economy</b> <b>Lazorcakova, Ema</b><sup>1</sup>; <b>Peerlings, Jack</b><sup>2</sup>; <b>Dries, Liesbeth</b><sup>2</sup>; <b>Pokrivcak, Jan</b><sup>1</sup> 1: Slovak University of Agriculture in Nitra, Slovak Republic; 2: Wageningen University, The Netherlands</p> <p><b>Impacts of a Reduced Livestock Density on European Agriculture</b> <b>Bielza, Maria</b><sup>1</sup>; <b>Weiss, Franz</b><sup>1</sup>; <b>Fellmann, Thomas</b><sup>2</sup>; <b>Hristov, Jordan</b><sup>2</sup> 1: European Commission, Joint Research Centre (JRC), Italy; 2: European Commission, Joint Research Centre (JRC), Spain</p> <p><b>Economic Feasibility of Food Self-Sufficiency under Limited Resources: Modeling and Application to the</b></p>	<p><b>CPS12.4: Food Labels &amp; Healthy Diets</b> Location: <b>SALLE 21</b> Chair: <b>Prof. Jørgen Dejgaard Jensen</b>, Copenhagen University</p> <p><b>How health and environmental goals affect the motivation to consume Norwegian salmon? An application of the Theory of Reasoned Goal Pursuit</b> <b>Menozi, Davide</b><sup>1</sup>; <b>Sogari, Giovanni</b><sup>1</sup>; <b>Zawadzki, Wojciech</b><sup>2</sup>; <b>Czajkowski, Mikołaj</b><sup>2</sup>; <b>Simeone, Cristina</b><sup>1</sup>; <b>Aanesen, Margrethe</b><sup>3</sup> 1: University of Parma, Italy; 2: University of Warsaw, Poland; 3: SNF, Norway</p> <p><b>The Role of Prompting Food Safety Responsibility on Individuals' Choices of Food Safety Campaigns</b> <b>Radu, Madalina</b>; <b>Erdem, Seda</b>; <b>Campbell, Danny</b> University of Stirling, United Kingdom</p> <p><b>Nutritional Labelling and Sugar-Sweetened Beverages: A Choice Experiment on Bubble Tea in Taiwan</b> <b>Shih, YuTing</b>; <b>Akinwehinmi, Oluwagbenga</b>; <b>Colen, Liesbeth</b> University of Göttingen, Germany</p> <p><b>Consumer Perceptions toward Safety Information on Pesticide Labels</b> <b>Palma, Marco</b><sup>3</sup>; <b>Segovia, Michelle</b><sup>2</sup>; <b>Skevas, Theodoros</b><sup>2</sup>; <b>Zhao, Shuoli</b><sup>1</sup> 1: University of Kentucky, United States of America;</p>

**Making Bird Numbers Count: Should Dutch Meadow Bird Conservation Schemes Become Result-based**

**Thiermann, Insa<sup>1</sup>; Silvius, Brechtje<sup>2</sup>; Splinter, Melody<sup>1</sup>; Dries, Liesbeth<sup>1</sup>**  
1: Wageningen University, Netherlands, The; 2: Planbureau voor de Leefomgeving

and Food Sciences, Alma Mater Studiorum, Italy

**Collaborative Governance and Agri-pollution: Evidence From Straw-burning Control in China**

**Yu, Zhiwei**  
Wageningen University & Research, Netherlands

**Assessment of Rewetting Costs on Agricultural Land: A Case Study of Typical Farms in Lower Saxony, Germany**

**Meyer-Jürshof, Marie; Koch, Menko; Lakner, Sebastian**  
University of Rostock, Germany

**Modelling the Impact of GHG Taxation on Inequality and Poverty – a Comparison of Econometric Damage Functions with Wage-based General Equilibrium Estimates**

**Kuiper, Marijke; van Zeist, Willem-Jan**  
Wageningen Economic Research – Wageningen University & Research, Netherlands, The

**Case of Israel**

**Kan, Iddo; Slater, Yehuda; Troen, Aron; Finkelshtain, Israel**

Hebrew University of Jerusalem, Israel

2: University of Missouri, Columbia; 3: Texas A&M University

**Has the 2022 Food Price Spike Reduced Consumers' Economic Incentive for a Healthy Diet?**

**Jensen, Jørgen Dejgaard**  
Copenhagen University, Denmark

**CPS13.4: Prices & Shocks**  
Location: **GRAND AUDITORIUM**  
Chair: **Dr. Beatrice Biondi**, University of Bologna

**Are Consumers More Sensitive to Price Changes During Food Scares?**

**Jin, Yan<sup>1</sup>; Gil, José María<sup>1,2</sup>**

1: Center for Agro-Food Economics and Development (CREDA-UPC-IRTA); 2: Technical University of Catalonia

**"How Household Food Budget and Its Allocation Among Shopping Basket Items Are Influenced by Promotion?"**

**Mehaba, Wafa<sup>1,2</sup>; Rahmani, Djamel<sup>1,2</sup>; Gil Roig, José María<sup>1,2</sup>**

1: Universitat Politècnica de Catalunya, Spain; 2: Centro de Investigación en Economía y Desarrollo (CREDA), Spain

**COVID-19 Policy response and food expenditures in Italy: a Pseudo-Panel Approach**

**CPS14.4: Land Markets 2**  
Location: **SALLE 18**  
Chair: **Dr. Silvia Russo**, University of Bologna

**Investigating the Factors Influencing the Intention to Adopt Long-Term Land Leasing: A Mixed Methods Approach**

**Adenuga, Henry Adewale; Jack, Claire; McCarry, Ronan**

Economics Research Branch, Agri-Food and Biosciences Institute, Belfast, UK

**Loss of Trust and Financial Damage: Potential Effects of the Financial Crisis in 2007 on Farmland Investment Decisions**

**Meissner, Luise Maria<sup>1,3</sup>; Danne, Michael<sup>2</sup>; Musshoff, Oliver<sup>1</sup>**

1: Georg-August-University of Goettingen, Germany; 2: Johann Heinrich von Thuenen-Institut, Braunschweig, Germany; 3: Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

**CPS2.4: Climate Change 3**  
Location: **SALLE 3**  
Chair: **Dr. Klaus Mittenzwei**, Ruralis

**Establishing agricultural emission reduction targets at country levels using Nationally Determined Contributions: A bottom-up approach**

**Jensbye, Laerke; Yu, Wusheng**

University of Copenhagen, Denmark

**Impacts of National vs European Carbon Pricing on Agriculture**

**Stepanyan, Davit; Heidecke, Claudia; Osterburg, Bernhard; Gocht, Alexander**

Thuenen Institute, Germany

**Impacts of Market-Based GHG Mitigation Policies on Dutch Dairy Farms Under Alternative Management Settings per Farm Group**

**Helming, John<sup>1</sup>; Blokland, Pieter Willem<sup>1</sup>; Müller, Marc<sup>1</sup>; Schäfer, David<sup>2</sup>**

1: Wageningen Economic

**CPS3.4: Technology Adoption 1**  
Location: **SALLE 4**  
Chair: **Prof. Salvatore Di Falco**, University of Geneva

**Are Smartphones Enhancing Agricultural Revenue and Demand for Modern Inputs? Evidence from Nigeria**

**Laajimi, Rawaa<sup>1</sup>; Kouandou, Arouna<sup>2</sup>**

1: LEM, Lille Economie Management (UMR 9221), CNRS, Université de Lille, France; 2: CEE-M, Univ. Montpellier, CNRS, INRAE, Institut Agro, Montpellier, France

**Agroforestry Practices in Côte d'Ivoire: Adoption, Intensity of Use and Effects on Cocoa Yields**

**Krumbiegel, Katharina; Tillie, Pascal**

Joint Research Centre (JRC) European Commission, Spain

**Variation in irrigation technologies across**

**Bonanno, Alessandro<sup>1</sup>;**  
**Bimbo, Francesco<sup>2</sup>**  
1: Colorado State University,  
United States of America; 2:  
University of Foggia

**The Aftermath of a  
Pandemic: Evidence on  
Food Consumption  
Behaviour During and  
After COVID-19  
Restrictions Based on  
Italian Household  
Scanner Data**

**Biondi, Beatrice;**  
**Mazzocchi, Mario**  
University of Bologna, Italy

**Experimental Evidence  
of Bargaining Power in  
the Agricultural Land  
Market**

**Kionka, Marlene<sup>1</sup>;** Kuethe,  
**Todd<sup>2</sup>;** **Mußhoff, Oliver<sup>3</sup>;**  
**Ritter, Matthias<sup>4</sup>;** **Odening,**  
**Martin<sup>1</sup>**

1: Humboldt-Universität zu  
Berlin, Germany; 2: Purdue  
University, USA; 3: Georg-  
August-Universität  
Göttingen, Germany; 4:  
Jönköping University,  
Sweden

**Efficient Use of  
Abandoned  
Agricultural Land for  
Biofuel Production**

**Nordin, Ida Alsy Kristina**  
Swedish University of  
Agricultural Sciences,  
Sweden

**Farm Characteristics  
And Exogenous  
Factors Influencing The  
Choice To Buy Land In  
Italy**

**Russo, Silvia<sup>1</sup>;** **Raggi,**  
**Meri<sup>2</sup>;** **Bimbati, Barbara<sup>3</sup>;**  
**Povellato, Andrea<sup>3</sup>;**  
**Viaggi, Davide<sup>1</sup>**

1: Department of  
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Department of Statistical  
Sciences, University of  
Bologna, Via delle Belle Arti  
41, Bologna, 40126, Italy; 3:  
CREA Research Centre for  
Agricultural Policies and  
Bioeconomy, Legnaro (PD),  
Italy

Research, Netherlands,  
The; 2: University of Bonn,  
Germany

**International Climate  
Aid : Has It Been  
Effective?**

**Neumann Noel, Lucille**  
INRAE, Université Paris-  
Saclay, France

**To Tax Or Not To Tax?  
The Efficiency Of  
Greenhouse Gas  
Mitigation Policies**

**Mittenzwei, Klaus**  
Ruralis, Norway

**Ethiopia: A  
comparative analysis**

**Ehjeij, Simon;** **Flaig,**  
**Dorothee;** **Boysen-  
Urban, Kirsten**  
University of Hohenheim,  
Germany

**Technology adoption  
in Family Business:  
Evidence from Rural  
Ethiopia**

**Di Falco, Salvatore;**  
**Gagliardi, Luisa;**  
**Pelucco, Valerio**  
University of Geneva,  
Switzerland

**CPS4.4: Organic Farming**  
Location: **SALLE 5**  
Chair: **Edoardo Baldoni**, Joint  
Research Centre

**Assessing the Impact  
of National Organic  
Action Plans on  
Organic Farmland Area  
Growth in Member  
States of the European  
Union**

**Rees, Charles<sup>1</sup>;**  
**Grovermann, Christian<sup>1</sup>;**  
**Finger, Robert<sup>2</sup>**  
1: FiBL, Switzerland; 2:  
AECF ETHZ, Switzerland

**Policy-Induced  
Expansion of Organic  
Farmland: Implications  
for Food Prices and  
Welfare**

**Mérel, Pierre;** **Sexton,**  
**Richard;** **Qin, Zhiran**  
University of California  
Davis, United States of  
America

**CPS5.4: Contract Farming**  
Location: **SALLE 6**  
Chair: **Prof. Eva-Marie  
Meemken**, ETH

**The Impact of Contract  
Type on Market Power:  
Evidence from a High-  
value Crop in India**

**Kopp, Thomas<sup>1</sup>;** **Dsouza,**  
**Alwin<sup>2</sup>;** **Mishra, Ashok K.<sup>3</sup>**  
1: University of Siegen,  
Siegen, Germany; 2: New  
Mexico State University, Las  
Cruces, USA; 3: Arizona  
State University, Tempe,  
USA

**Contracts For The  
Green Transition: A  
Best-worst Scale  
Approach**

**Ciliberti, Stefano;**  
**Frascarelli, Angelo;**  
**Martino, Gaetano**  
University of Perugia, Italy,  
Dept. of Agricultural, Food  
and Environmental Sciences

**The Economics of**

**CPS6.4: Climate Shocks,  
Risk & Resilience**  
Location: **SALLE 13**  
Chair: **Dr. Iordanis Parikoglou**,  
ETH

**Understanding German  
Farmers' Adoption Of  
Drought Insurance**

**Nordmeyer, Eike Florenz;**  
**Mußhoff, Oliver**  
Georg-August-Universität  
Göttingen, Germany

**Connecting  
Resourcefulness And  
Resilience: Rural  
Enterprises' Ability To  
Withstand Critical  
Shocks**

**Malekinezhad, Fahimeh;**  
**Micha, Evgenia;** **Maye,**  
**Damian**  
Countryside and Community  
Research Institute,  
University of  
Gloucestershire, United  
Kingdom

**Empirically-based**

**CPS7.4: Farmer  
Preferences**  
Location: **SALLE 14**  
Chair: **Edvin Zhllima**,  
Agricultural University of  
Tirana

**Farmers' Willingness  
To Adopt Precision  
Agricultural  
Technologies For  
Reducing Mycotoxin  
Contamination In  
Grain: Evidence  
From Grain Farmers  
In Spain And  
Lithuania**

**Owusu-Sekyere,**  
**Enoch<sup>1,2,3</sup>;** **Abu Hatab,**  
**Assem<sup>1,4</sup>;** **Lagerkvist,**  
**Carl-Johan<sup>1</sup>**  
1: Swedish University of  
Agricultural Sciences  
(Slu), Sweden; 2:  
Department of  
Agricultural Economics,  
Extension & Rural  
Development, University  
of Pretoria, South Africa;  
3: Department of  
Agricultural Economics,

### The EU Target For Organic Farming: Potential Budgetary, Farm and Market Impacts Of Two Alternative Pathways

Kremmydas, Dimitrios<sup>1</sup>; Beber, Caetano<sup>1</sup>; Pignotti, Davide<sup>2</sup>; Fellmann, Thomas<sup>1</sup>; Hristov, Jordan<sup>1</sup>; Stepanyan, Davit<sup>2</sup>; Ciaian, Pavel<sup>1</sup>; Gocht, Alexander<sup>2</sup>; Baldoni, Edoardo<sup>1</sup>; Tillie, Pascal<sup>1</sup>

1: Joint Research Center, Spain; 2: Thunen Institute, Germany

### The Economic Performance of Transitional and Non-transitional French Organic Dairy Farms: a Diff-in-diff Analysis with Panel Data

Letort, Elodie<sup>1</sup>; Ridier, Aude<sup>2</sup>

1: INRAE, France; 2: Institut Agro, France

### Estimating the Impact of Policies Under Spatial Interference. The Case of CAP Support to Organic Farming.

Esposti, Roberto<sup>1</sup>; Baldoni, Edoardo<sup>2</sup>

1: Università Politecnica delle Marche, Italy; 2: JRC Seville - European Commission

### CPS8.4: Food Loss & Waste

Location: **HORIZONS**  
Chair: **Dr. Daniele Curzi**, University of Milan

### Socioeconomic Factors of Food Loss in Low- and Middle-Income Countries

Chrisendo, Daniel; Piipponen, Johannes; Heino, Matias; Kummu, Matti

Aalto University, Finland

### The Economics of Reducing Food Losses: Experimental Evidence from Improved Storage Technology in India

Shukla, Pallavi  
Deakin University, Australia

### Royalty Rates in Plant Breeding

Hervouet, Adrien; Lemarié, Stéphane  
INRAE, France

### Exploitation Or Coordination? The Effects Of Power On Contract Farming

Xhoxhi, Orjon<sup>1</sup>; Valentinov, Vladislav<sup>2</sup>; Imami, Drini<sup>1</sup>

1: Agricultural University of Tirana, Albania; 2: Leibniz Institute of Agricultural Development in Transition Economies (IAMO)

### Does Outgrowing equal Outsourcing? Contract Farming and Labor Demand

Meemken, Eva-Marie; Stemmler, Henry  
ETH, Switzerland

### CPS9.4: Trade 2

Location: **SALLE 19**  
Chair: **Prof. Margherita Scoppola**, University of Macerata

### How Accurate Are Previous Analyses Of European-Japanese Agricultural Trade? The Role Of The Extensive Margin

Berndt, Marvin; Hess, Sebastian

University of Hohenheim, Germany

### An Assessment of Import Tariff Costs for Agri-food Exporting Firms in Selected EU Countries

Fusacchia, Ilaria; Salvatici, Luca

### Farmer Types of Drought Adaptation in Austria

Kropf, Bernadette<sup>1</sup>; Larcher, Manuela<sup>1</sup>; Vogel, Stefan<sup>1</sup>; Seebauer, Sebastian<sup>2</sup>; Mitter, Hermine<sup>1</sup>

1: University of Natural Resources and Life Sciences Vienna, Austria; 2: Joanneum Research Institute for Climate Energy & Society, Austria

### Comparing Experiments for Modeling Farm Risk Management Decisions with a Focus on Extreme Weather Losses

Duden, Christoph<sup>1</sup>; Offermann, Frank<sup>1</sup>; Mußhoff, Oliver<sup>2</sup>

1: Johann Heinrich von Thünen Institute, Institute of Farm Economics, Braunschweig, Germany; 2: University of Göttingen, Department of Agricultural Economics and Rural Development, Göttingen, Germany

### Examining The Effect Of Heat Stress On The Short And Long Run Efficiency And Risk

Parikoglou, Iordanis; Finger, Robert

Agricultural Economics and Policy Group, ETH, Switzerland

### PSTR1.4: Climate Change 2

Location: **SCREEN 1**  
Chair: **Nidhi Raina**, University of Bologna

### Responding to the Climate Change Advisory Council: Exploring the Regional Economic and Environmental Effects of Reducing the Irish Suckler Herd in Order to Reduce Greenhouse Gas Emissions

Hayden, Ms Anne Eileen<sup>1</sup>; Breen, Dr James<sup>1</sup>; Witzke, Dr Peter<sup>2</sup>; Kesting, Monika<sup>2</sup>; Adenauer, Dr Lucie<sup>3</sup>

1: University College Dublin, Ireland; 2: EuroCARE Bonn; 3: FABLE Consortium

University of the Free State, Bloemfontein 9300, South Africa; 4: The Nordic Africa Institute, Uppsala, Sweden

### Farmers' Preferences for Climate Change Adaptation Strategies in Crop Cultivation

Stetter, Christian<sup>1</sup>; Cronauer, Carla<sup>2</sup>

1: ETH Zurich, Switzerland; 2: Potsdam Institute for Climate Impact Research (PIK)

### Farmers' Preferences For The Design Of Humus Programmes - A Discrete Choice Experiment

Block, Julia Barbara<sup>1</sup>; Danne, Michael<sup>2</sup>; Mußhoff, Oliver<sup>1</sup>

1: Georg-August-University Göttingen, Germany; 2: Thuenen Institute, Germany

### Is there a demand for Market Information Systems - Analysis of Albanian farmers' willingness to pay

Zhllima, Edvin<sup>1</sup>; Xhoxhi, Orjon<sup>2</sup>; Imami, Drini<sup>1</sup>; Skreli, Engjell<sup>1</sup>

1: Department of Rural Development Economics and Policy, Faculty of Economy and Agribusiness, Agricultural University of Tirana, Albania; 2: Department of Agribusiness Management, Faculty of Economy and Agribusiness, Agricultural University of Tirana

### PSTR2.4: Protein Transition and Technology Adoption

Location: **SCREEN 2**  
Chair: **Bodo Tillmann Rehm**, University of Bonn

### A Comparison Of Animal And Plant-Based Proteins From An Economic, Environmental, And Nutritional Perspective In The Republic Of Ireland

Merlo, Marie; Gwendoline<sup>1,2</sup>; Hennessey, Thia<sup>1</sup>; Buckley, Cathal<sup>2</sup>; O'Mahony, James<sup>1</sup>

1: University College Cork, Ireland; 2: Teagasc

### Preferences For Meat

### Modeling Alternative Ways Of Reducing Food Waste

Pijpers, Frank; Drabik, Dušan

Wageningen University and Research, Netherlands, The

### Post-Harvest Losses and Extreme Weather Events in Sub-Saharan Africa

Curzi, Daniele<sup>1</sup>; Nota, Paolo<sup>1</sup>; Di Falco, Salvatore<sup>2</sup>

1: University of Milan, Italy;  
2: University of Geneva, Switzerland

University of Roma Tre, Italy

### Modeling The Impacts Of Alternative Globalization Scenarios On International Agricultural And Food Markets

Clora, Francesco; Yu, Wusheng

University of Copenhagen, Denmark

### Trade Networks, Trade Diversity and Export of Pork Meat

Maruejols, Lucie Louise; Yu, Xiaohua

University of Göttingen, Germany

### Liberalizing Non-Tariff Barriers through Regional Trade Agreements: the Impact on Multinational Production in the Food Industry

Raimondi, Valentina<sup>1</sup>; Scoppola, Margherita<sup>2</sup>

1: University of Milano, Italy;  
2: University of Macerata, Italy

Sustainable Development Solutions Network

### Limited Impact Of Heat Stress In Indian Wheat And Soy Under Climate-Smart Agriculture

Vyas, Shalika<sup>1,2</sup>; Ramirez-Villegas, Julian<sup>1,2</sup>;

Meuwissen, Miranda P.M<sup>2</sup>; Kropff, Martin<sup>3,2</sup>;

Aggarwal, Pramod<sup>4</sup>; Shirsath, Paresh<sup>4</sup>;

Dalhaus, Tobias<sup>2</sup>

1: Alliance of Bioversity and CIAT, Kenya; 2: Wageningen University and Research, The Netherlands; 3: CGIAR (Consultative Group for International Agricultural Research), France; 4: Borlaug Institute for South Asia-CIMMYT, India

### Climate Change Impact On Yield And Income Of Agriculture Aystem: A Literature Review

Di Fonzo, Antonella; De Leo, Simonetta; Gaito, Marco; Giuca, Sabrina; Lupia, Flavio; Pulighe, Giuseppe; Guido, Bonati

Council for Agricultural Research and Economics. Research Centre for Agricultural Policies and Bioeconomy, CREA, Italy

### Climate Mitigation And Food Security: Searching To Resolve Conflicts In Policy Measures For Agriculture Of Poland

Waś, Adam<sup>1</sup>; Krupin, Vitaliy<sup>2</sup>; Kobus, Pawel<sup>1</sup>; Witajewski-Baltvilks, Jan<sup>3</sup>; Pyrka, Maciej<sup>3</sup>; Jeszke, Robert<sup>3</sup>; Szczepański, Krystian<sup>4</sup>

1: Warsaw University of Life Sciences, Poland; 2: Institute of Rural and Agricultural Development of the Polish Academy of Sciences; 3: National Centre for Emissions Management (KOBiZE), Institute of Environmental Protection —National Research Institute; 4: Institute of Environmental Protection —National Research Institute (IEP-NRI)

### Assessment Of The Interrelations Of Different Drought Impacts Through a Participatory System Mapping

Fasolino, Nunzia Gabriella; Pellegrini, Emilia; Viaggi, Davide

### Substitute With Plant-based Proteins: An Experiment With Real Products Consumption

Loheac, Youenn<sup>1</sup>; Leplat, Melody<sup>2</sup>; Teillet, Eric<sup>3</sup>

1: Rennes School of Business, France; 2: ISEN, Brest, France; 3: SensoStat, France

### What Drives The Prices Of Meat And Meat Substitutes? A Hedonic Pricing Model For The German Sausage Market.

Petersen, Thies<sup>1</sup>; Tatic, Milan<sup>2</sup>; Hirsch, Stefan<sup>1</sup>; Hartmann, Monika<sup>2</sup>

1: Institute of Farm Management, Department Management in Agribusiness, University of Hohenheim, Schloss, Osthof-Ost, Ackerbauflügel Schwarzstrasse 42, 70599 Stuttgart, Germany; 2: Institute for Food and Resource Economics, Department of Agricultural and Food Market Research, University of Bonn, Nussallee 21, 53115 Bonn, Germany

### Does Delay in the Authorization Period of Novel Food Products under Regulation 2015/2283 Depend on the Technology Used?

Yamamoto, Shohei  
Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries, Japan

### Systems Thinking In Multi-actor Collaborative Projects In The Agro-food System: The Case Of The Protein Transition In Flanders

Coeckelberghs, Katrijn; Mathijs, Erik; Meersman, Merel  
KU Leuven, Belgium

### Can Invasive Plants Improve Drought Resilience and Livelihoods in Rural Communities of Northern Nigeria?

Estefania-Salazar, Enrique<sup>1,2</sup>; Iglesias,

Department of Agricultural and Food Science, University of Bologna, Italy

### The Impact Of Climate-Related Disasters On Regional Retail Food Prices In Low- And Middle-Income Countries

Feenstra, Ninke Tineke; Ihle, Rico

Wageningen University, Netherlands, The

### Multi-Criteria Analysis of Climate Change Adaptation Strategies in Drylands

Kertolli, Emirjona

CIHEAM IAMM, France

### Economy-Wide Impacts of Climate Change through Crop Yield Changes in Kenya: A CGE Analysis.

Mwangi, Peter; Elnour, Zuhair; Grethe, Harald

Humboldt-Universität zu Berlin, Germany

### Greenhouse Gas Emissions and Eco-efficiency in the Norwegian Dairy Farming Systems: A dynamic Perspective

Alem, Habtamu

NIBIO, Norway

### A Systematic Mapping and Case Study Analysis of Global Carbon Farming Schemes

Raina, Nidhi<sup>1</sup>; Zavalloni, Matteo<sup>2</sup>; Viaggi, Davide<sup>1</sup>

<sup>1</sup>: University of Bologna, Italy; <sup>2</sup>: University of Urbino, Italy

**Eva<sup>1,2</sup>; Loureiro, Maria L<sup>2,3</sup>**

<sup>1</sup>: Universidad Politécnica de Madrid; <sup>2</sup>: Ceigram; <sup>3</sup>: Universidad de Santiago de Compostela

### Technology Adaptation To Climate Change: Evidence Of Biotechnology Diffusion From German Seed Growers

Gerullis, Maria

Katharina<sup>1,2</sup>; Ortiz-Bobea, Ariel<sup>1</sup>; Heckelei, Thomas<sup>2</sup>

<sup>1</sup>: Cornell University, United States of America; <sup>2</sup>: University of Bonn, Germany

### Determinants of German Apple Farmers' Decision to Grow a New Club Variety - The Case of Fräulein®

Rehm, Bodo; Klink-Lehmann, Jeanette; Simons, Johannes; Hartmann, Monika

University of Bonn, Germany

### PSTR3.4: Resilience

Location: **SCREEN 3**

Chair: **Prof. Teresa Del Giudice**, University of Naples Federico II

### The Impact of Neighbourhood Interaction Effects on Crop Diversity

Mellon Bedi, Shaibu; Nilsson, Pia; Hansson, Helena

Swedish University of Agricultural Sciences, Sweden

### The Livelihood Strategies And Risk Perception Of Organic Cocoa Producers: An Empirical Analysis To Sao Tome And Principe

### PSTR4.4: Farm Management 2

Location: **SCREEN 4**

Chair: **Dr. Yuki Maruyama**, Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries

### Assessing Investments into Phosphorus Fertilizer Recovery from Dairy Processing Wastewater

Uhlemann, Jan-Philip

Rado<sup>1</sup>; Dalhaus, Tobias<sup>1</sup>; Leahy, James J.<sup>2</sup>; Oude Lansink, Alfons<sup>1</sup>

<sup>1</sup>: Wageningen University and Research, Netherlands, The; <sup>2</sup>: University of Limerick, Ireland

### The Role of Innovation

### PSTR5.4: Consumer Behaviour and Market Analysis

Location: **SCREEN 5**

Chair: **Dr. Zein Kallas**, Center for Agro-Food Economics and Development-UPC-IRTA

### Allowing an Escape Hatch in Questions Scales

Schlichtig, Emily<sup>1</sup>;

McFadden, Brandon<sup>1</sup>;

Lusk, Jayson<sup>2</sup>

<sup>1</sup>: University of Arkansas, United States of America; <sup>2</sup>: Purdue University, United States of America

### Integrating Experimental Economics And Biometric Methods To

### PSTR6.4: Efficiency Analysis

Location: **SCREEN 6**

Chair: **Gabriela E. Carbajo Alvarez**, University of Goettingen

### Labour and Diversification. An Efficiency Analysis of Cattle and Sheep Farms in Scotland

Toma, Luiza; Revoredo

Giha, Cesar;

Thompson, Bethan;

Barnes, Andrew

SRUC, United Kingdom

### Pesticides Efficiency of French Wheat Producers Under a Stochastic Frontier Framework

**Prazeres, Ibrahim<sup>1</sup>; Lucas, Maria Raquel<sup>1</sup>; Marta-Costa, Ana<sup>2</sup>; Henriques, Pedro<sup>3</sup>**

1: Center for Studies and Advanced Training in Management and Economics, University of Évora; 2: Centre for Transdisciplinary Development Studies University of Trás-os-Montes e Alto Douro, Portugal; 3: Mediterranean Institute for Agriculture, Environment and Development, University of Évora, Portugal

**Can Crop Index Insurance Increase Welfare And Climate Resilience? An Experimental Impact Analysis From Uzbekistan**

**Moritz, Laura; Kuhn, Lena; Bobojonov, Intiyor**  
Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany

**Polish Farms' Robustness Level in the Face of Economic and Environmental Shocks in 2010-2019**

**Jurek, Kinga Anna<sup>1</sup>; Zawalińska, Katarzyna<sup>2</sup>**  
1: Warsaw University of Life Sciences – SGGW, Poland; 2: Polish Academy of Sciences, Institute of Rural and Agricultural Development

**How Can Farms Be Future-proofed? Balancing Synergies and Trade-offs Between Farm Sustainability and Resilience**

**Slijper, Thomas<sup>1,2</sup>; Bonestroo, John<sup>1</sup>; Ang, Frederic<sup>1</sup>**  
1: Business Economics Group, Wageningen University & Research, Wageningen, The Netherlands; 2: Department of Economics, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden

**Living In The Disasters! What If We Were Informed Earlier?**

**Mutyebere, Rodgers<sup>1,2</sup>; Vanermen, Iris<sup>1</sup>; Van Ruymbeke, Kato<sup>1</sup>; Twongyirwe, Ronald<sup>3</sup>; Sekajugo, John<sup>2,4</sup>; Kabaseke, Clovis<sup>2</sup>; Kagoro-Rugunda, Grace<sup>3</sup>;**

**in Farm Economic Sustainability: Evidence from Livestock Farming**

**Taghouti, Ibtissem<sup>1,2</sup>; Guesmi, Bouali<sup>1</sup>; Gil, José Maria<sup>1</sup>**

1: Center for Agro-food Economics and Development (CREDA), Spain; 2: National research Institute of rural engineering, Water and Forests (INRGREF), Tunisia

**Grassland Use Intensification and De-intensification Decisions in a Swiss Mountain Region**

**Spörri, Martina<sup>1</sup>; Flury, Roman<sup>2</sup>; Junquera, Victoria<sup>3</sup>; Knaus, Florian<sup>4</sup>**

1: Agroecological Transitions Group, ETH Zurich, Switzerland; 2: Forest Resources and Management, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf, Switzerland; 3: High Meadows Environmental Institute, Princeton University, Princeton, USA; 4: Department of Environmental System Science, ETH Zurich, Switzerland

**Systematic Evaluation and Optimization of Tomato Greenhouse Production Systems in China**

**Min, Xinyuan<sup>1</sup>; Sok, Jaap<sup>1</sup>; de Zwart, Feije<sup>2</sup>; oude Lansink, Alfons<sup>1</sup>**

1: Business Economics, Wageningen University & Research; 2: Business Unit Greenhouse Horticulture, Wageningen University & Research

**Estimating Yield Response Functions (YRF) to Nitrogen for Annual Crops in Iran**

**Aghabeygi, Mona; Helming, Katharina**  
Leibniz Centre for Agricultural Landscape Research (ZALF), Germany

**Dairymix: Multi-Criteria Assessment, Decision Support And Management Tools For Sustainable Circular Mixed Farming Systems For Dairy Production.**

**Brennan, Mary; Buckley, Cathal; Krol, Dominika; Balaine, Lorraine**  
Teagasc, Ireland

**Improve Understanding Of Consumers' Decision Making: a Novel Protocol And Its Application to the Case of Olive Oil in Tunisia And Morocco**

**Barlagne, Carla<sup>1,2</sup>; Piras, Simone<sup>2</sup>; Thabet, Chokri<sup>3</sup>; Souissi, Imen<sup>3</sup>**

1: INRAE, France; 2: The James Hutton Institute; 3: Higher Agronomic Institute of Chott Meriem, University of Sousse

**Identifying Drivers Of The Global Thirst For Milk**

**Wehner, Jasmin; Yu, Xiaohua**  
University of Goettingen, Germany

**Globalization and Changing Food Consumption Patterns**

**Pucillo, Flavia; Cavaliere, Alessia; Curzi, Daniele; De Marchi, Elisa; Banterle, Alessandro**  
Università degli Studi di Milano, Italy

**Investigating the Optimal Number of Preference Classes: A Comparative Study**

**Bazzani, Claudia; Bonioli, Marta; Scarpa, Riccardo**  
Università di Verona, Italy

**Societal Perceptions and Attitudes towards Genetically Modified (GM) Crops, Feed, and Food Products in the Region of the Middle East, North Africa, and Turkey (MENAT): a Systematic Literature Review**

**Medani, Khalid Ramadan Abdelaziz<sup>1,2</sup>; Neill, Alexandra<sup>1</sup>; Hubbard, Carmen<sup>1</sup>; Garrod, Guy<sup>1</sup>**  
1: Newcastle University, United Kingdom; 2: Fayoum University, Egypt

**Affecting The WTP With Immersive Visual Resources In Discrete Choice Experiments**

**Uldemolins Gomez, Pilar<sup>1,2</sup>; Maza Rubio, Maria Teresa<sup>2</sup>; de-Magistris, Tiziana<sup>1</sup>**  
1: Centro de Investigación y Tecnología Agroalimentaria de Aragón, Spain; 2: Universidad de Zaragoza

**Is There a Room for**

**Dakpo, K Hervé<sup>1</sup>; Femenia, Fabienne<sup>2</sup>**  
1: INRAE-PSAE, France; 2: INRAE-SMART, France

**Comparing Technical-Economic And Environmental Performance Of Ecological Dairy Farming Systems In Austria**

**Niedermayr, Andreas; Schaller, Lena; Kantelhardt, Jochen**  
University of Natural Resources and Life Sciences, Vienna, Austria

**Do Eco-Friendly Farming Practices Improve Production Performance? Technical Efficiency Analysis on Vegetable Farms in China**

**Yu, Liyan<sup>1</sup>; Liu, Qian<sup>2</sup>; Huang, Wei<sup>3</sup>**  
1: College of Economics and Management, Fujian Agriculture and Forestry University; 2: Dept. of Food and Resource Economics, University of Copenhagen, Denmark; 3: Dept. of Economics, Swedish University of Agricultural Sciences

**Synergies or Trade-offs? Analysis on Economic Performance and Environmental Pressure in the Yangtze River Economic Belt**

**Zhang, Wenhui<sup>1</sup>; Ke, Xinli<sup>1</sup>; He, Lijie<sup>1</sup>; Zhou, Ting<sup>1</sup>; Huang, Wei<sup>2</sup>**  
1: Huazhong Agricultural University, China; 2: Swedish University of Agricultural Science, Sweden

**Revisiting Land Use Efficiency in Brazilian Amazon: Accounting for Short-Run and Long-Run Efficiency**

**Lins, João Augusto Barcellos<sup>1</sup>; Ferreira, Marcelo Dias Paes<sup>1</sup>; Silva, Felipe de Figueiredo<sup>2</sup>; Ramos, Érica Basílio Tavares<sup>3</sup>; Daniel, Lindomar Pegorini<sup>4</sup>**  
1: Federal University of Viçosa; 2: Clemson University; 3: University of the State of Mato

**Kervyn, Matthieu<sup>4</sup>;**  
**Vranken, Liesbet<sup>1</sup>**  
1: KU Leuven, Belgium; 2: Mountains of the Moon University Uganda; 3: Mbarara University, Uganda; 4: Vrije Universiteit, Brussels, Belgium

### Short Supply Chains For Sustainable And Resilient Agri-Food Systems - Solutions In The European Union

**Sobczak-Malitka, Wioleta;**  
**Drejerska, Nina**  
Warsaw University of Life Sciences, Poland

### Resilience Of Farming System In The Eyes Of Polish Fruit And Vegetable Farmers

**Martikainen, Anna Agata**  
Institute of Rural and Agricultural Development, Polish Academy of Sciences, Poland

### Agricultural Diversification Options At Different Scales - Creating Resilient Farming Systems and Sustainable Landscapes

**Arndt, Marie;** Helming, Katharina  
Leibniz Centre for Agricultural Landscape Research (ZALF), Germany

### The Concept Of Resilience In The Ecological Transition Of Rural Areas: New Dimensions And Measures

**Russo Spina, Anna<sup>1</sup>;**  
**Brunori, Gianluca<sup>2</sup>;** Cicia, Gianni<sup>1</sup>; De Rosa, Marcello<sup>3</sup>; **Del Giudice, Teresa<sup>1</sup>**

1: University of Naples Federico II, Italy; 2: University of Pisa; 3: University of Cassino and Southern Lazio

### Legume Production in the Loamy Region of Flanders, Belgium

**Gerber, Theresa;** Mathijs, Erik  
KU Leuven, Belgium

### Assessment of the Effectiveness of Investment Subsidies for Livestock Farms

**Kujala, Päivi;** Korhonen, Olli  
Pellervo Economic Research

### Changes in Production Attitudes of Rice Farmers between Dry and Rain Season based on the case of Mauritania.

**Maruyama, Yuki<sup>1</sup>;** Diagne, Mandiaye<sup>2</sup>; Ahmed, Cherif<sup>3</sup>

1: Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries, Japan; 2: Africa Rice Center Sahel Station (AfricaRice), Saint Louis, Senegal; 3: Institute of Science and Technology, Rosso, Mauritania

### Using Insect Meal as a Sustainable Feeding Alternative for Chicken and Pigs? Consumers' Perceptions and Willingness to Pay

**Kajad, Nada<sup>1,2</sup>;** **Kallas, Zein<sup>2,3</sup>;** **Mustapa, Muhammad Adzran Che<sup>4</sup>**

1: Iamz CIHEAM, Spain; 2: CREDA, Spain; 3: Universitat Politècnica de Catalunya, Spain; 4: CREDA-UPC-IRTA Center for Agro-Food Economics and Development, Spain

Grosso; 4: Federal University of Goiás

### Assessing the Effect of Diversified Crop Portfolios on Organic Farmers Efficiency: A Stochastic Production Frontier Analysis of country-wide census data from Bhutan

**Barissoul, Ayoub;** **Wieck, Christine;** **Feuerbacher, Arndt**  
University of Hohenheim

### Smallholder Credit and Debt, A Bidirectional Effect on Costa Rican Oil Palm Sector

**Carbajo Alvarez, Gabriela E.;** Bruemmer, Bernhard  
University of Goettingen, Germany

5:45pm  
-  
7:15pm

**OS1.5: Ukraine session**  
Location: **SALLE 6**

### Rebuilding Ukraine's Agricultural Power for Stabilizing Global Food Markets

*Chair(s):* **von Cramon-Taubadel, Stephan** (Universität Göttingen)  
*Discussant(s):* **Meyers, William H.** (University of Missouri), **Prikhodko, Dmitriy** (Food and Agriculture Organization of the UN)

*Presentations of the*

**OS10.5: EU policy - G. Van Huylenbroeck session**  
Location: **SALLE 14**

### Lessons Learnt From 40 Years of CAP and Their Policy Relevance To The Inflation Crisis Policy Response in 2022. An Honorary Session for the Retirement of Guido Van Huylenbroeck.

*Chair(s):* **D'Haese, Marijke** (Ghent University, Belgium), **Bouamra-Mechemache, Zohra** (Toulouse School of

**OS11.5: AAEA session**  
Location: **SALLE 21**

### Interdisciplinary Approaches to Sustainable Agri-Food Systems from Farm to Market

*Chair(s):* **Khanna, Madhu** (Department of Agricultural and Consumer Economics, University of Illinois, Urbana-Champaign, United States of America)  
*Discussant(s):* **Wessler, Justus** (Agricultural Economics and Rural Policy Group (AEP), Wageningen

**OS12.5: Consumption**  
Location: **SALLE 18**

### Consumer Preferences for Pro-environmental Food Characteristics and Farming Practices

*Chair(s):* **Schaak, Henning** (University of Natural Resources and Life Sciences, Vienna, Austria), **Šumrada, Tanja** (University of Ljubljana, Slovenia)  
*Discussant(s):* **McCallum, Chloe** (ETH Zürich, Switzerland)



<p><i>Symposium</i></p> <p><b>Global Agricultural Markets Affected by Russia's Aggression Against Ukraine</b>  <u>Gay, Stephan Hubertus</u>  Senior Agricultural Policy Analyst, Organisation for Economic Cooperation and Development (OECD)</p> <p><b>Russia's Invasion of Ukraine Increased the Synchronization of Global Commodity Prices</b>  <u>Ihle, Rico</u><sup>1</sup>, <u>Bar-Nahum, Ziv</u><sup>2</sup>, <u>Nivievskiy, Oleg</u><sup>3</sup>, <u>Rubin, Ofir D.</u><sup>4</sup>  <sup>1</sup>Wageningen University, <sup>2</sup>Hebrew University of Jerusalem, <sup>3</sup>Kyiv School of Economics/ Universität Göttingen, <sup>4</sup>Ben-Gurion University of the Negev</p> <p><b>Why did Ukraine Become a Key Player on the World Agri-food Markets? An Enterprise-level Perspective</b>  <u>Gagalyuk, Taras</u>, <u>Ostapchuk, Igor</u>, <u>Lapa, Volodymyr</u>, <u>Balmann, Alfons</u>  Leibniz Institute of Agricultural Development in Transition Economies (IAMO)</p> <p><b>Rebuilding Ukraine – Agricultural Perspective</b>  <u>con Cramon-Taubadel, Stephan</u><sup>1</sup>, <u>Nivievskiy, Oleg</u><sup>2</sup>  <sup>1</sup>Universität Göttingen, <sup>2</sup>Kyiv School of Economics/ Universität Göttingen</p>	<p>Economics)  <i>Discussant(s):</i> <b>Buyse, Jeroen</b> (Ghent University, Belgium)</p> <p><i>Presentations of the Symposium</i></p> <p><b>The Role of Price Transmission and the Central European Perspective</b>  <u>Fertő, Imre</u>  Institute of Economics, Centre for Economic and Regional Studies</p> <p><b>What Policy Instruments Can Minimize an Inflation Shock Most Efficiently?</b>  <u>Matthews, Alan</u>  Trinity College, Dublin</p> <p><b>Market Power, Fair Pricing, Fair Trading and the Political Economy</b>  <u>Swinnen, Jo</u>  CGIAR &amp; IFPRI</p> <p><b>Discourse Analysis in the CAP: Which Patterns are Repeated in the 2022 Inflation Crisis.</b>  <u>Erjavec, Emil</u>  University of Ljubljana</p> <p><b>Policy Frameworks for Science-Policy-Society Interaction</b>  <u>Brunori, Gianluca</u>  Department of Agriculture, Food and Environment, University of Pisa</p> <p><b>Translation of Science to Policy</b>  <u>Poppe, Krijn</u>  Raad voor leefomgeving en infrastructuur</p>	<p>University, The Netherlands)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Incentivizing Sustainable Intensification of Agricultural Production</b>  <u>Khanna, Madhu</u>  Department of Agricultural and Consumer Economics, University of Illinois, Urbana-Champaign, United States of America</p> <p><b>Regulation and Green Deal Investments</b>  <u>Wessler, Justus</u>  Agricultural Economics and Rural Policy Group (AEP), Wageningen University, The Netherlands</p> <p><b>Emerging Food Technologies and Consumer Choices: The Case of Lab Meat</b>  <u>Nayga, Rodolfo</u>  Professor and Head, Texas A&amp;M University, Texas;</p> <p><b>Reducing Food Loss and Waste</b>  <u>Wilson, Norbert</u>  Professor of Food, Economics, and Community Duke Divinity School and Sanford Public Policy, Duke University</p>	<p><i>Presentations of the Symposium</i></p> <p><b>Valuing Grassland Restoration at the Landscape Level: A Spatial Econometrics Approach</b>  <u>Ptacek, Moritz</u><sup>1</sup>, <u>Venus, Terese</u><sup>2</sup>, <u>Sauer, Johannes</u><sup>1</sup>  <sup>1</sup>Technical University of Munich, Germany, <sup>2</sup>Universität Passau, Germany</p> <p><b>Consumer Valuation of Losses and Gains in a Public Good in Food Products</b>  <u>Höglind, Lisa</u>, <u>Edenbrandt, Anna</u>, <u>Hansson, Helena</u>  Swedish University of Agricultural Science, Sweden</p> <p><b>Agri-environmental Policy Supported by Food Labels – Are Consumers Willing to Pay for Biodiversity Friendly Credentials?</b>  <u>Schulze, Christoph</u><sup>1</sup>, <u>Matzdorf, Bettina</u><sup>1</sup>, <u>Rommel, Jens</u><sup>2</sup>, <u>Sagebiel, Julian</u><sup>3</sup>, <u>Czajkowski, Mikolaj</u><sup>4</sup>, <u>Zagorska, Katarzyna</u><sup>4</sup>, <u>Zawadzki, Wojciech</u><sup>4</sup>  <sup>1</sup>Leibniz Centre for Agricultural Landscape Research, Germany, <sup>2</sup>Swedish University of Agricultural Sciences, Sweden, <sup>3</sup>German Centre for Integrative Biodiversity Research (iDiv), Germany, <sup>4</sup>University of Warsaw, Poland</p> <p><b>Exploring Heterogeneity in Agricultural Economics and Policy – The Adaptation of Latent Class Analysis in Behavioral Economics</b>  <u>Risius, Antje</u><sup>1</sup>, <u>Anders, Sven</u><sup>2</sup>  <sup>1</sup>University of Education Schwäbisch Gmünd, Germany, <sup>2</sup>UA Edmonton, Canada</p>
<p><b>OS13.5: Risk and resilience</b>  Location: <b>SALLE 19</b></p> <p><b>The Use of Risk Management Tools and its Determinants</b></p>	<p><b>OS14.5: Land markets</b>  Location: <b>SALLE 5</b></p> <p><b>Sustainable Land Use: the Roles of Ownership and Land Markets</b>  <i>Chair(s):</i> <b>Huettel, Silke</b></p>	<p><b>OS2.5: Sustainability along the supply chain - OLMIX session</b>  Location: <b>SALLE 3</b></p> <p><b>Algae For Agroecology - Potential For The</b></p>	<p><b>OS3.5: SFER session</b>  Location: <b>GRAND AUDITORIUM</b></p> <p><b>The Economic Impacts of the Digitalization of</b></p>

*Chair(s):* **Severini, Simone** (Università della Tuscia, Italy)

*Discussant(s):* **de Mey, Yann** (Wageningen University and Research Centre), **Cerroni, Simone** (Università degli Studi di Trento)

*Presentations of the Symposium*

### Comparative Analysis of the Past and Future Risk Management Portfolios of Farmers in Europe

**Soriano, Barbara**<sup>1</sup>, **Garrido, Alberto**<sup>1</sup>, **Bardaji, Isabel**<sup>1</sup>, **Bertolozzi-Caredio, Daniele**<sup>2</sup>

<sup>1</sup>Universidad Politécnica de Madrid, <sup>2</sup>Ecorys

### Contract Farming Choices Among Farmers: the Impact of Subjective Probabilities and Experts' Opinions on Price Expectations

**Giampietri, Elisa**<sup>1</sup>, **Trestini, Samuele**<sup>1</sup>, **Cerroni, Simone**<sup>2</sup>, **Rippo, Ruggiero**<sup>2</sup>, **Penone, Carlotta**<sup>1</sup>

<sup>1</sup>University of Padova, <sup>2</sup>University of Trento

### The Determining Factors of Farmers' Participation in Insurance Schemes: a Comparative Analysis of Machine Learning Tools

**Biagini, Luigi, Severini, Simone**  
University of Tuscia

### Public Spending for Agricultural Risk Management: Land Use, Regional Welfare and Intra-subsidy Substitution

**Vigani, Mauro, Khafagy, Amr, Berry, Robert**  
University of Gloucestershire

(Göttingen University, Germany), **Salhofer, Klaus** (University of Natural Resources and Life Sciences Vienna)

*Discussant(s):* **Balmann, Alfons** (Leibniz Institute of Agricultural Development in Transition Economies)

*Presentations of the Symposium*

### Title: Proximity in Farmland Leasing Relationships: the More the Better for Soils? Insights from the Understudied Group of Non-Farming Landowners

**Leonhardt, Heidi, Lechner, Daniela, Fuhrmann, Kristin**

University of Natural Resources and Life Sciences Vienna

### Land Tenure and Conservation Practice Adoption in the US Midwest

**Tong, Jingyi**<sup>1</sup>, **Bartalotti, Otavio**<sup>2</sup>, **Zhang, Wendong**<sup>3</sup>

<sup>1</sup>Department of Economics, Iowa State University,

<sup>2</sup>Department of Economics, Iowa State University and Monash University, <sup>3</sup>Dyson School of Applied Economics and Management, Cornell University

### Investigating the Impacts of Climate-Induced Land Use Change on the Value of Farmland

**Fromage, Mathilde**<sup>1</sup>, **Piet, Laurent**<sup>2</sup>

<sup>1</sup>AgroParisTech, F-91123, Palaiseau, France and INRAE, UMR SMART, F-35011, Rennes, France, <sup>2</sup>INRAE, UMR SMART, F-35011, Rennes, France

### Future

*Chair(s):* **Nyvall Collén, Pi** (Olmix group)

*Discussant(s):* **Christen, Pierre** (Contents4Food)

*Presentations of the Symposium*

### CNRS Research Director Roscoff Marine Biological Station

**Potin, Philippe**

Roscoff Marine biological station

### Adjoint Director Unit Infectious Diseases And Public Health INRAE Nouzilly

**Schouler, Catherine**  
INRAE

### President Association Merci Les Algues

**Philippe, Eric**

Merci Les Algues

### Agriculture

*Chair(s):* **Lemarié, Stéphane** (INRAE-GAEL, France)

*Discussant(s):* **Fadhuile, Adélaïde** (Univ. Grenoble Alpes - GAEL), **Jeanneaux, Philippe** (VetAgro Sup Clermont-Ferrand - UMR Territoires)

*Presentations of the Symposium*

### Investment In Digital Tools In Farm: A Systematic Review And Meta-Analysis

**Ben Jaballah, Maha**<sup>1</sup>, **Ghali, Mohamed**<sup>1</sup>, **Ben Arfa, Nejla**<sup>1</sup>, **Kleftodimos, Georgios**<sup>2</sup>, **Daniel, Karine**<sup>1</sup>, **Ridier, Aude**<sup>3</sup>

<sup>1</sup>ESA - LARESS, <sup>2</sup>IAM Montpellier - LAMES,

<sup>3</sup>Institut Agro Rennes-Angers - SMART

### Pooling Through Digital Knowledge Sharing: Challenges And Opportunities For The Agroecological Movements

**Aboueldahab, George**<sup>1</sup>, **Palpacuer, Florence**<sup>1</sup>, **Kessari, Myriam**<sup>2</sup>

<sup>1</sup>Université de Montpellier, <sup>2</sup>CIHEAM - IAMM

### The Digital Divide And Poverty In Developing Countries: Evidence From Farm Households In Niger

**Djibo, Ousmane, Malam, Maman Nafiou**  
University of Niamey

### Bridging The Digital And Agroecological Transitions: A Typological Analysis Of Vegetable Producers In The French West Indies

**Catherine, Youri**<sup>1</sup>, **Aubert, Magali**<sup>2</sup>, **Parrot, Laurent**<sup>1</sup>

<sup>1</sup>CIRAD-HORTSYS, <sup>2</sup>INRAE-MoISA

**OS4.5: Agri-environmental schemes and chemical use**  
Location: **SALLE 13**

**Contracting for Landscape-level Environmental Goods and Services – (More Than) Spatial Coordination in Agri-**

**OS5.5: Climate change and climate policy**  
Location: **SALLE 2**

**European Agriculture in a Changing Climate: Markets, Policies and Potential for Reforms**  
*Chair(s):* **Jansen, Marion** (OECD, France)

**OS6.5: Food supply chains**  
Location: **SALLE 12**

**Shocks, Supply Chain Disruptions, and Food prices: Experiences and Lessons from Europe and the United States**

**OS7.5: Novel methods**  
Location: **HORIZONS**

**Novel Interdisciplinary Methods to Capitalize on High-frequency Data and News Content in**

## **environmental Schemes**

*Chair(s):* **Dries, Liesbeth** (Wageningen University & Research), **Matzdorf, Bettina** (Leibniz Centre for Agricultural Landscape Research (ZALF))

*Discussant(s):* **Viaggi, Davide** (University of Bologna), **Jongeneel, Roel** (Wageningen University & Research)

*Presentations of the Symposium*

## **Effects of Linear Landscape Elements on Ecosystem Services Supply and Trade-offs in Contrasting Agricultural Landscapes**

**le Clech, Solen**<sup>1</sup>, **van Bussel, Lenny**<sup>2</sup>, **de Knegt, Bart**<sup>1</sup>, **Szentirmai, István**<sup>3</sup>, **Andersen, Erling**<sup>4</sup>

<sup>1</sup>Wageningen University & Research, <sup>2</sup>Planbureau voor het Leefmilieu, <sup>3</sup>Őrség National Park Directorate, <sup>4</sup>University of Copenhagen

## **Willingness of Farmers for Implementing Climate Adaptation and Water Use Improving Practices – A Discrete Choice Experiment**

**Fogarasi, József**<sup>1</sup>, **Bakucs, Zoltán**<sup>2</sup>, **Miskó, Krisztina**<sup>3</sup>

<sup>1</sup>Óbuda University, Budapest, Hungary and Partium Christian University, Oradea, Romania, <sup>2</sup>Óbuda University, Budapest, Hungary and Centre for Economic and Regional Studies, Budapest, Hungary,

<sup>3</sup>The Institute of Agricultural Economics Nonprofit Kft. (AKI), Budapest, Hungary

## **Integrating Internal Coordination Mechanisms with Collective Agri-environmental Incentives: Environmental, Welfare and Distributional Implications**

**Haile Zemo, Kahsay, Termanen, Mette, Jellesmark Thorsen, Bo** Department of food and resource economics, University of Copenhagen

## **Uncovering Social Capital in the Collective Agri-environmental Scheme in the Netherlands.**

**Matzdorf, Bettina**<sup>1</sup>, **Barghusen, Rena**<sup>2</sup>, **Sattler,**

*Discussant(s):* **Geslain-Laneelle, Catherine** (DG Agriculture and Rural Development, European Commission), **Wieck, Christine** (University of Hohenheim, Germany)

*Presentations of the Symposium*

## **Future Prospect for the European Union in face of Climate Change Challenges: an Agricultural Outlook Perspective**

**Adenäuer, Marcel** OECD, France

## **Agricultural Policies and Support in the EU and Globally: Helping or Hindering Climate Change Mitigation?**

**von Lampe, Martin** OECD, France

## **Climate Change Adaptation Policies to Foster Resilience in Agriculture**

**Cobourn, Kelly.** OECD, France

## **Policies for the Future of Farming and Food in the European Union**

**Anton, Jesus** OECD, France

*Chair(s):* **Ortega, David Leonardo** (Michigan State University, United States of America), **Lusk, Jayson** (Purdue University) *Discussant(s):* **Ortega, David Leonardo** (Michigan State University)

*Presentations of the Symposium*

## **Impacts and Implications of the Ukraine War for the EU Food System and Trade for Grains**

**Götz, Linde** Leibniz Institute of Agricultural Development in Transition Economies

## **Food Price Inflation and Changing Consumer Food Values**

**Roosen, Jutta** Technical University of Munich

## **Decomposing Food Price Inflation into Supply and Demand Shocks**

**Adjemian, Michael** University of Georgia

## **Quantifying Supply Chain Resiliency**

**Lusk, Jayson** Purdue University

## **Commodity Markets**

*Chair(s):* **Debie, Philippe** (Wageningen University & Research, Netherlands, The), **Pennings, Joost M.E.** (Wageningen University and Research, Maastricht University)

*Presentations of the Symposium*

## **County-level USDA Crop Progress and Condition Data, Machine Learning, and Commodity Market Surprises**

**Cao, An**<sup>1</sup>, **Gebrekidan, Bisrat**<sup>1</sup>, **Heckelei, Thomas**<sup>1</sup>, **Robe, Michel A.**<sup>2</sup>

<sup>1</sup>University of Bonn, <sup>2</sup>University of Illinois at Urbana-Champaign

## **Towards Understanding Price Formation in Agricultural Commodities Markets: Structural Changes and Statistical Causal Relationships Driven by Public News Sentiment**

**Chalkiadakis, Ioannis**<sup>1</sup>, **Peters, Gareth W.**<sup>2</sup>, **Bagnarosa, Guillaume**<sup>3</sup>, **Gohin, Alexandre**<sup>4</sup>

<sup>1</sup>Rennes School of Business, <sup>2</sup>University of California, <sup>3</sup>INRAE, Rennes School of Business, <sup>4</sup>INRAE

## **Limit Order Duration: Evidence of Informed Order Presence?**

**Frank, Julieta**<sup>1</sup>, **Arzandeh, Mehdi**<sup>2</sup>, **Daniels, Justin**<sup>1</sup>

<sup>1</sup>University of Manitoba, <sup>2</sup>Lakehead University

## **Measuring Spillover Events on a Millisecond Scale using a High Energy Physics Methodology**

**Debie, Philippe**<sup>1</sup>, **Pennings, Joost M.E.**<sup>2</sup>, **Verhulst, Marjolein E.**<sup>1</sup>, **Tekinerdogan, Bedir**<sup>1</sup>, **Catal, Cagatay**<sup>3</sup>, **Moneta, Lorenzo**<sup>4</sup>, **Rembser, Jonas**<sup>4</sup>, **Naumann, Axel**<sup>4</sup>

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**Claudia<sup>2</sup>, Reichenspurner, Margarethe<sup>2</sup>**

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**OS8.5: Food systems**  
Location: **SALLE 4**

**Evidence-based Policy: IFAD'S Impact Assessments For Food Systems Transformation**

*Chair(s):* **Laborde, David** (Food and Agriculture Organization)

*Presentations of the Symposium*

**Going from Project to Corporate Level Impact Assessments: IFAD's unique commitment and experience**

**Savastano, Sara**  
International Fund for Agricultural Development

**Climate Change and Food Security: The Role of the International Fund for Agricultural Development (IFAD)**

**Puri, Jyotsna**  
International Fund for Agricultural Development

**Investing in Small-scale Producers' Food Security: Examples from IFAD-supported Projects**

**Zucchini, Emanuelea**  
International Fund for Agricultural Development

**OS9.5: Agrifood trade**  
Location: **SALLE 20**

**Firms' Performance Measures And Their International Trade Behavior: Evidence From The EU Agri-Food Sector**

*Chair(s):* **Jafari, Yaghoob** (University of Bonn, Germany), **Curzi, Daniele** (University of Milan, Italy)  
*Discussant(s):* **Olper, Alessandro** (University of Milan), **Latouche, Karine** (INRA Centre de Rennes)

*Presentations of the Symposium*

**Assessing the Effect of Imported Intermediate Inputs on The Export Performance of Italian Food Firms**

**Curzi, Daniele<sup>1</sup>**, Haase, Oliver Ken<sup>1</sup>, Solazzo, Roberto<sup>2</sup>, Olper, Alessandro<sup>1</sup>

<sup>1</sup>University of Milan, Italy, <sup>2</sup>CREA-Council for Agricultural Research, Rome, Italy

**How Taste, Quality and Costs Shape Export Success: Evidence from French Food Firms**

**Chemo-Dzukou, Kevin Randy, Turolla, Stéphane**  
INRAE, SMART, 4 Allée Adolphe Bobierre, 35011 Rennes Cedex France

**Impact of Agri-Food Trade on Income Share of Labor and Profits: Firm Level Evidence from Europe**

**Engemann, Helena, Jafari, Yaghoob, Heckelei, Thomas**  
University of Bonn, Institute for food and resource economics

**Markups and Export: Firm-Level Evidence from Hungary**

**Csurilla, Gergely, Fertő, Imre, Bakucs, Zoltán**  
Institute of Economics, Centre for Economic and Regional Studies, Budapest, Hungary

**PSTR1.5: Environmental Economics 1**

Location: **SCREEN 1**  
Chair: **Dr. Tafesse W. Gezahegn**, Mekelle University

**Index Decomposition Analysis Of Emission Intensities In Food Production Systems Of The European Union Countries (2010–2020)**

**Bajan, Bartłomiej Cyryl; Łukasiewicz, Joanna Maria**  
Poznań University of Life Sciences, Poland

**Contract Solutions for Improving the Supply of Public Goods from Agriculture: Results from a Stakeholder Survey in Austria, Germany and Italy.**

**Targetti, Stefano<sup>1</sup>; Schaller, Lena<sup>2</sup>; Eichorn, Theresa<sup>2</sup>; Runge, Tania<sup>3</sup>; D'Alberto, Riccardo<sup>4</sup>; Hamunen, Katri<sup>5</sup>; Raggi, Meri<sup>4</sup>; Viaggi, Davide<sup>1</sup>**  
1: University of Bologna, Department of Agricultural and Food Sciences, Italy; 2: University of Natural Resources and Life Sciences, Vienna, Austria; 3: Thuenen Institute, Germany; 4: University of Bologna, Department of Statistical Sciences, Italy; 5: LUKE, Finland

**Integrated Analysis of Farm-Level Marginal Abatement Cost Curve for Gaseous Emissions**

**Ogunpaimo, Oyinola<sup>1,2</sup>; Buckley, Cathal<sup>2</sup>; Hynes, Stephen<sup>1</sup>; O'Neill, Stephen<sup>3</sup>**  
1: Economics, School of Business, Public Policy and Law, National University of Ireland Galway; 2: Agricultural Economics & Farm Survey Department, Rural Economy & Development Programme, Teagasc, Mellows Campus, Athenry, Co. Galway.; 3: Department of Health Services Research and Policy, London School of Hygiene and Tropical Medicine, University of London

University, <sup>4</sup>CERN

**PSTR2.5: Development Economics 3**

Location: **SCREEN 2**  
Chair: **Jean Bosco Nkurikiye**, KU Leuven

**Malaria Control And Elimination In Kenya: Economy-Wide Benefits And Regional Disparities**

**Elnour, Zuha<sup>1,2</sup>; Grethe, Harald<sup>1</sup>; Siddig, Khalid<sup>1,3</sup>; Munga, Stephen<sup>4</sup>**

1: Humboldt-Universität zu Berlin, Germany; 2: Agricultural Research Corporation, Wad Madani, Sudan; 3: International Food Policy Research Institute, Khartoum, Sudan; 4: Kenya Medical Research Institute, Kisumu, Kenya

**Diversification across thresholds: Evidence from rural households in Tanzania**

**Malevolti, Giulia<sup>1</sup>; Romano, Donato<sup>1</sup>; Scognamiglio, Antonio<sup>2</sup>; Krähnert, Kati<sup>3</sup>**  
1: University of Florence, Italy; 2: Food and Agriculture Organization of the United Nations, Rome; 3: Potsdam Institute for Climate Impact Research, RWI and Ruhr University Bochum

**Local Unexpected Food Price Volatility Affects Children's Nutrition in sub-Saharan Africa**

**Latka, Catharina<sup>1</sup>; Baylis, Kathy<sup>1</sup>; Lallemand, Tess<sup>2</sup>; McMahon, Katie<sup>1</sup>; Anderson, Patrese<sup>1</sup>; Heckelei, Thomas<sup>3</sup>**  
1: University of California Santa Barbara, United States of America; 2: Cornell University, United States of America; 3: University of Bonn, Germany

**Energy, Food and Health: A Trinity for a**

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**Undesired Effects Of  
Joined Pollution  
Regulation Sourced By  
A Multi-use Production  
Factor**

**Chiadmi, Ines<sup>1</sup>; Jayet,  
Pierre-Alain<sup>2</sup>**

1: INRAE and Antwerp  
University, France; 2: INRAE

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**The Economic and  
Ecological Impact of  
Soy Expansion in  
Brazil: A Synthetic  
Control Method  
Approach**

**Ghinoi, Stefano<sup>1</sup>; Piras,  
Simone<sup>2</sup>; Tasciotti, Luca<sup>1</sup>;  
Wesz Junior, Valdemar  
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United Kingdom; 2: The  
James Hutton Institute,  
United Kingdom; 3:  
Universidade Federal da  
Integração Latino-  
Americana, Brazil

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**Economy-wide Impacts  
of Restoring Degraded  
Rangeland-Ecosystems  
in Jordan**

**Abdul-Jalil, Sawsan;  
Luckmann, Jonas; Grethe,  
Harald**

Humboldt University,  
Germany

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**Farmers' Willingness  
for Early Adoption of  
Enhanced Irrigation  
Technologies in  
Tunisia: an Empirical  
Analysis**

**Chebil, Ali<sup>1</sup>; Thabet,  
Chokri<sup>2</sup>; Rached,  
Zouhair<sup>3</sup>; Koussani,  
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Carthage, National Institute  
of Agronomic Research of  
Tunis; 4: University of  
Carthage, National  
Agronomic Institute of  
Tunisia

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**How Institutional  
Heterogeneity of  
Irrigation Cooperatives  
Impacts Land  
Productivity: Insights  
from a Plot-level  
Analysis in Tigray,  
north Ethiopia**

**Gezahegn, Tafesse W.<sup>1</sup>;**

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**Happy Life?**

**Fadly, Dalia; Maertens,  
Miet**  
KU Leuven, Belgium

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**Is Absolute  
Opposition To  
Bioengineered Food  
Overstated?  
Evidence From Sub-  
Saharan Africa**

**Akinwehinmi, Titilayo<sup>1</sup>;  
Teuber, Ramona<sup>1</sup>;  
Akinwehinmi,  
Oluwagbenga<sup>2</sup>**  
1: Justus Liebig  
University Giessen; 2:  
Georg-August-Universität  
Göttingen

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**Expanding the Right  
to Food Framework:  
Impacts of a Large-  
Scale Agricultural  
Investment on Local  
Livelihoods in  
Central Benin**

**Muder, Anika<sup>1,2</sup>;  
Luckmann, Jonas<sup>2</sup>**  
1: Thünen Institute of  
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Braunschweig, Germany;  
2: International  
Agricultural Trade and  
Development Group,  
Humboldt-Universität zu  
Berlin, Berlin, Germany

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**The Effects Of  
Disability On  
Households'  
Economic  
Livelihoods And  
Chronic Poverty In  
Vietnam**

**Kiely, Sean<sup>1</sup>; Buehler,  
Dorothee<sup>2</sup>; Kiesel,  
Kristin<sup>1</sup>; Rink, Ute<sup>3</sup>**  
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**Farmers'  
Preferences For  
Adoption of  
Agroforestry  
Practices In The  
Eastern Drylands Of  
Rwanda**

**Nkurikiye, Jean Bosco<sup>1</sup>;  
Uwizeyimana, Valens<sup>1</sup>;  
Vanermen, Iris<sup>1</sup>; Van  
Ruymbeke, Kato<sup>1</sup>;  
Berbist, Bruno<sup>1</sup>; Bizozza  
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1: KU Leuven, Belgium;  
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		<p><b>Van Passel, Steven<sup>2</sup>;</b>  <b>Berhanu, Tekeste<sup>1</sup>;</b>  <b>D'Haese, Marijke<sup>3</sup>;</b>  <b>Maertens, Miet<sup>4</sup></b>  1: Mekelle University, Ethiopia; 2: University of Antwerp, Belgium; 3: Ghent University, Belgium; 4: KU Leuven, Belgium</p>	<p><b>The Impacts of Access to Electricity on Employment and Household Income Growth in Cambodia</b>  <b>Takeda, Asami</b>  Aoyamagakuin University, Japan</p>
<p><b>PSTR3.5: Risk</b>  Location: <b>SCREEN 3</b>  Chair: <b>Affoué Aimée-Edith Kouakou</b>, INRAE</p> <p><b>Risk Attitudes and Technology Adoption in Dutch Arable Farming</b>  <b>Höhler, Julia</b>; Tensi, Annika Francesca; Sok, Jaap  Wageningen University and Research, The Netherlands</p>	<p><b>PSTR4.5: Supply Chains</b>  Location: <b>SCREEN 4</b>  Chair: <b>Dr. Omar Vicente Guadarrama Fuentes</b>, CREDA-UPC-IRTA</p> <p><b>Vertical Integration In The Hog Chain in Southern Vietnam - The Role of Disease and Financial Issues</b>  <b>Nguyen, Tuan</b>; Moustier, Paule  Cirad, France</p>	<p><b>PSTR5.5: Food Choice</b>  Location: <b>SCREEN 5</b>  Chair: <b>Ryo Utsunomiya</b>, The University of Tokyo</p> <p><b>An Analysis Of The Environmental Impacts Associated With Deviations From The Mediterranean Diet And Possible Alternatives Dietary Patterns: An Italian Study</b>  <b>Cavaliere, Alessia</b>; <b>De Marchi, Elisa</b>; <b>Frola, Enrica Nadia</b>; <b>Benfenati, Alessandro</b>; <b>Aletti, Giacomo</b>; <b>Bacenetti, Jacopo</b>; <b>Banterle, Alessandro</b>  Università degli Studi di Milano, Italy</p>	<p><b>PSTR6.5: Modeling</b>  Location: <b>SCREEN 6</b>  Chair: <b>Dr. Mostafa Ahmed Shaaban</b>, Leibniz Centre for Agricultural Landscape Research</p> <p><b>The assessment of the CAP on generational renewal by an Agent based model: The case of Emilia Romagna Region</b>  <b>Baldi, Lisa</b>; Calzolari, Sara; Arfini, Filippo; Donati, Michele  UNIPR, Italy</p>
<p><b>Heterogeneity of European farmers' risk preferences: an Individual Participant Data Meta-analysis</b>  <b>Garcia Gomez, Viviana</b>; <b>McCallum, Chloe</b>; <b>Finger, Robert</b>  ETH Zurich, Switzerland</p>	<p><b>Interactions Between International Agri-food Trade And Sustainability: What We Can Learn From Previous Studies</b>  <b>Huan-Niemi, Ellen<sup>1</sup></b>; <b>Davidova, Sophia<sup>2</sup></b>; <b>Jámbor, Attila<sup>3</sup></b>; <b>Kirtley, Alexandra<sup>2</sup></b>; <b>Maró, Zalán Márk<sup>3</sup></b>; <b>Török, Áron<sup>3</sup></b>  1: Natural Resources Institute Finland (Luke), Latokartanonkaari 9, 00790 Helsinki, Finland; 2: University of Kent, Park Wood Road, Canterbury, Kent, CT2 7FS, UK; 3: Corvinus University of Budapest, 1093 Budapest, Fovam ter 8., Hungary</p>	<p><b>What Influences Fat-Reduced Yogurt Choice? A Theoretical Approach Based on Social Cognitive Constructs.</b>  <b>Brückner, Katrin</b>; <b>Emberger-Klein, Agnes</b>; <b>Menrad, Klaus</b>  Technical University of Munich Campus Straubing for Biotechnology and Sustainability, Weißenstephan-Triesdorf University of Applied Sciences</p>	<p><b>Linking Computable General Equilibrium (CGE) or Partial Equilibrium (PE) Models with Agent-based Models (ABM)-Challenges and Ways Forward</b>  <b>Schmidt, Alena<sup>1</sup></b>; <b>Franziska, Appel<sup>2</sup></b>; <b>Filipo, Arfini<sup>3</sup></b>; <b>Robin, Arguyerralles<sup>1</sup></b>; <b>Lisa, Baldi<sup>3</sup></b>; <b>Alfons, Balmann<sup>2</sup></b>; <b>Tatiana, Filatova<sup>4</sup></b>; <b>Robert, Finger<sup>5</sup></b>; <b>Jiaqi, Ge<sup>12</sup></b>; <b>Alexander, Gocht<sup>6</sup></b>; <b>Nastasija, Grujić<sup>7</sup></b>; <b>Thomas, Heckelee<sup>8</sup></b>; <b>Robert, Huber<sup>5</sup></b>; <b>Ali, Koç<sup>13</sup></b>; <b>Chunhui, Li<sup>12</sup></b>; <b>Gabriele, Mack<sup>9</sup></b>; <b>Abdelradi, Mohammed<sup>1</sup></b>; <b>Birgit, Müller<sup>10</sup></b>; <b>Sebastian, Rasch<sup>8</sup></b>; <b>Franziska, Schünemann<sup>11</sup></b>; <b>Meike, Will<sup>10</sup></b>; <b>Ruth, Delzeit<sup>1</sup></b>  1: University of Basel, Switzerland; 2: IAMO; 3: University of Parma; 4: TU Delft; 5: ETH Zurich; 6: Thünen Insitute; 7: Biosense Insitute; 8: University of Bonn; 9: Agroscope; 10: Helmholtz Center for Environmental Research; 11: University of Hohenheim; 12: University of Leeds; 13: Akdeniz University</p>
<p><b>Can Reducing Synthetic Fertilizer Dependency Reduce Price Risk? An Example From Grassland-Based Dairy Production</b>  <b>Schaub, Sergei<sup>1</sup></b>; <b>El Benni, Nadja<sup>2</sup></b>  1: Research Group Managerial Economics in Agriculture, Agroscope, Switzerland; 2: Research Division on Sustainability Assessment and Agricultural Management, Agroscope, Switzerland</p>	<p><b>Changes In The Energy Efficiency Of The Agribusiness Sector In European Union Countries</b>  <b>Mańkowski, Kacper</b>; <b>Mrówczyńska-Kamińska, Aldona</b>; <b>Bajan, Bartłomiej</b>  Poznań University of Live Sciences, Poland</p>	<p><b>Time Costs and Consumer Preferences as Drivers of Food Waste</b>  <b>Friman, Aino</b>  University of Helsinki, Finland</p>	<p><b>Study Of Adherence To Mediterranean Diet (MEDAS) In Lebanese Families</b>  <b>Nehme, Nada<sup>1,2</sup></b>; <b>Pano, Nathalie<sup>2</sup></b>; <b>Abou Abbas, Fatima<sup>1,2</sup></b>; <b>Mincione, Simona<sup>3</sup></b>; <b>Ammoun, Imad<sup>2</sup></b>  1: Lebanese University Faculty of agricultural engineering and veterinary medicine; 2: Consumers Lebanon Association; 3: Enco-srl</p>
<p><b>The Impact Of Spring Frosts On National Apple Prices</b>  <b>Dalhaus, Tobias<sup>1</sup></b>; <b>van Oostrom, Edith<sup>1</sup></b>; <b>Luedeling, Eike<sup>2</sup></b>  1: Business Economics Group, Wageningen University and Research, The Netherlands; 2: INRES- Horticultural Sciences, University of Bonn, Germany</p>	<p><b>Agri-Food Value Chains' Sustainability Assessment – A New Guiding Analytical Framework</b>  <b>Allali, Tarek</b>; <b>Colabianchi, Manola</b>; <b>Moretti, Michele</b>; <b>Brunori, Gianluca</b>  University of Pisa, Italy</p>	<p><b>Developing A Diet Optimization Modelling Approach To Evaluate Nutritional Adequacy</b></p>	<p><b>Research Software - Sustainable Development and Support</b>  <b>Appel, Franziska</b>  Leibniz Institute of</p>
<p><b>Adoption of Fixed Milk Price Contracts and Farm Investments in Irish Dairy Sector</b>  <b>Pardeshi, Shefali<sup>1,2</sup></b>; <b>Loughrey, Jason<sup>1</sup></b>; <b>O'Connor, Declan<sup>2</sup></b>  1: Teagasc, Ireland; 2: Munster Technological University</p>	<p><b>The Economics of Short Food Supply Chains: a Marketing Functions Approach</b>  <b>Moretti, Marco</b>; <b>Mathijs, Erik</b>  KU Leuven, Belgium</p>		

### Crop Insurance as Mitigation and Adaptation Tool in a Climate Change Context

Koenig, Richard<sup>1,2,3</sup>

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### Potential effects of the Income Stabilisation Tool in Estonian agriculture

Aleksandrova, Olha; Viira, Ants-Hannes

Estonian University Of Life Sciences, Estonia

### Crop Yield Risks and Nitrogen Fertilisation in French agriculture: Implications for Rating Multi-Peril Crop Insurance and Area-Yield Crop Insurance

Kouakou, Edith<sup>1,2</sup>; Brunette, Marielle<sup>1,2</sup>; Delacote, Philippe<sup>1,2</sup>; Koenig, Richard<sup>1,2</sup>

1: INRAE, France; 2: Chaire Economie du Climat

### Impact Of Different Policy Instruments On The Introduction Of Sustainable Innovation Along Agri-Food Value Chains: The Perception Of Project Coordinators

Borgia, Riccardo<sup>1</sup>; Zavalloni, Matteo<sup>2</sup>; Viaggi, Davide<sup>1</sup>

1: University of Bologna; 2: University of Urbino Carlo Bo

### Do Pasto ao Prato: A Citizen Science Initiative to (m)app the Supply Chain of Cattle Products Within Brazil

zu Ermgassen, Erasmus<sup>1</sup>;

Ribeiro, Vivian<sup>2</sup>; Reis, Tiago<sup>3</sup>; Meyfroidt, Patrick<sup>1</sup>; Gardner, Toby<sup>2</sup>

1: UCLouvain, Belgium; 2: Stockholm Environment Institute; 3: Imaflora & Global Canopy

### Co-developing Organisational And Technical Innovations Towards Resilient And Sustainable Management Of Fruit & Vegetables Supply Chain Systems In 5 Mediterranean Countries: A Living Lab Approach

Collewet, Laurick<sup>1,2</sup>; Prosperi, Paolo<sup>1,2</sup>; Aidonis, Dimitrios<sup>3</sup>; Ait Hou, Mohamed<sup>4</sup>; Amadori, Elio<sup>5</sup>; Bartoli, Luca<sup>6</sup>; Charatsari, Chrysanthi<sup>7</sup>; De Rosa, Marcello<sup>6</sup>; El Khechen, Reem<sup>1,2</sup>; Fantini, Massimiliano<sup>5</sup>; Fouad, Hager<sup>8</sup>; Francescone, Martina<sup>6</sup>; Ghannouchi, Ahmed<sup>8</sup>; Harm, Justus<sup>9</sup>; Hashem, Shadi<sup>10</sup>; Lioutas, Evangelos<sup>3</sup>; Michailidis, Anastasios<sup>7</sup>; Ouahi, Lhoucine<sup>11</sup>; Zahidi, Mohamed<sup>12</sup>; Camanzi, Luca<sup>13</sup>

1: CIHEAM-IAMM, UMR MolSA, F-34093, Montpellier, France; 2: MolSA, Univ Montpellier, CIHEAM-IAMM, CIRAD, INRAE, Institut Agro, IRD, Montpellier, France; 3: International Hellenic University, Greece; 4: University of Moulay Ismail, Morocco; 5: RomagnaTech, Italy; 6: University of Cassino and Southern Lazio; 7: Aristotle University of Thessaloniki, Greece; 8: Heliopolis University for

### And Diet Affordability Across 4 African Countries

Ameller, Joaquin<sup>1</sup>; Drogue, Sophie<sup>1</sup>; Baye, Kaleab<sup>2</sup>; Kanerva, Noora<sup>3</sup>; Le Port, Agnes<sup>4</sup>; Hoffman, Marine<sup>5</sup>; Lubowa, Abdelrahman<sup>6</sup>; Ampe, Gaston<sup>6</sup>; Fogelholm, Mikael<sup>3</sup>; Amiot, Marie-Josephe<sup>1</sup>

1: MolSA INRAE, France; 2: Addis Ababa University; 3: University of Helsinki; 4: IRD; 5: University of Pretoria; 6: FONUS

### Beauty and Naturalness: Edible Flowers Choice in Food Consumption

Del Giudice, Teresa<sup>1</sup>; Olivieri, Giuseppina<sup>1</sup>; Cicia, Gianni<sup>1</sup>; Cavallo, Carla<sup>1</sup>; Stranieri, Stefanella<sup>2</sup>; Ricci, Elena Claire<sup>3</sup>

1: University of Naples Federico II, Italy; 2: University of Milan, Italy; 3: University of Verona, Italy

### Should We be Relying on Dietary Diversity Indices?

Ameye, Hannah<sup>1</sup>; De, Anusha<sup>1,2</sup>

1: LICOS Centre for Institutions and Economic Performance, KU Leuven, Belgium; 2: Department of Agricultural Economics and Rural Development, University of Göttingen, Germany

### Where to Buy and What to Eat: A Comprehensive Analysis of Macronutrient Intake

Utsunomiya, Ryo; Nakatani, Tomoaki; Nakashima, Yasuhiro  
The University of Tokyo, Japan

Agricultural Development in Transition Economies (IAMO), Germany

### Using Probabilistic Programming to Asses Policy Induced Adaptation of Crop Choices: A Case Study of the German Implementation of the EU Nitrates Directive

Kuhn, Till; Pahmeyer, Christoph; Storm, Hugo  
University of Bonn, Germany

### Cost-effective Phosphorus Load Reductions To Lakes – An Integrated Modelling Approach

Filippelli, Raphael<sup>1</sup>; Hasler, Berit<sup>1</sup>; Levin, Gregor<sup>2</sup>; Andersen, Hans Estrup<sup>2</sup>

1: University of Copenhagen, Denmark; 2: Aarhus University

### Creating Artificial, Intelligent and Interacting Agents in AgriPoliS

Njiru, Ruth Dionisia Gicuku; Appel, Franziska; Balmann, Alfons  
IAMO, Germany

### Modelling Land-Use Change from Subsidies Promoting Energy Crop Production

Larsson, Cecilia<sup>1</sup>; Brady, Mark<sup>1,2</sup>  
1: Lund University, Sweden; 2: Swedish University of Agricultural Sciences

### Optimization Modelling As A Tool To Enhance Sustainable Small Scale Farm Decision Making And Policy Practice; Case Of Zvimba District, Zimbabwe

Zimuto, Welcome; Ratinger, Tomas  
Czech University of Life Sciences

### Integrated Environmental-economic Modelling of Sustainable Food Systems in China

Long, Weitong

Sustainable Development, Egypt; 9: Sekem Development Foundation, Egypt; 10: Cairo University, Egypt; 11: Université Cadi Ayyad, Morocco; 12: Management, Information and Governance Research Laboratory (LARMIG), Hassan II University of Casablanca, Morocco; 13: Università di Bologna, Italy

**Agri-food Value Chain Analysis Using the Analytic Hierarchy Process: Assessing Stakeholders' Preferences**

**Menéndez i Molist, Adrià; Guadarrama Fuentes, Omar Vicente; Kallas, Zein**  
Centre de Recerca en Economia i Desenvolupament Agroalimentari (CREDA - UPC - IRTA), Spain

Wageningen University & Research, Netherlands, The

**The Story and Simulation in Future Agri-food System: Translating Qualitative Scenarios into Quantitative Agent-based Modelling**

**Shaaban, Mostafa Ahmed<sup>1</sup>; Voglhuber-Slavinsky, Ariane<sup>2</sup>; Dönitz, Ewa<sup>2</sup>; Macpherson, Joseph<sup>1</sup>; Paul, Carsten<sup>1</sup>; Mouratiadou, Ioanna<sup>1,3</sup>; Helming, Katharina<sup>1</sup>; Piorr, Annette<sup>1</sup>**  
1: Leibniz Centre for Agricultural Landscape Research, Germany; 2: Fraunhofer Institute for Systems and Innovation Research (ISI), Germany; 3: ISARA, Laboratory of Rural Studies research unit, Lyon, France

7:30pm  
-  
9:30pm

SOC2: Social event



Date: Thursday, 31/Aug/2023

<p>9:00am - 10:30am</p>	<p><b>CPS1.6: Environmental Sustainability 4</b> Location: <b>SALLE 6</b> Chair: <b>Prof. Arndt Feuerbacher</b>, University of Hohenheim</p> <p><b>Eco-efficiency of Agricultural Landscapes – Insights from North Rhine-Westphalia, Germany</b> <b>Seifert, Stefan</b><sup>1</sup>; <b>Wolff, Saskia</b><sup>2</sup>; <b>Hüttel, Silke</b><sup>1</sup> 1: University of Göttingen, Germany; 2: University of Bonn, Germany</p>	<p><b>CPS2.6: Water Management</b> Location: <b>SALLE 3</b> Chair: <b>Dr. Juliane Carola Haensch</b>, University of Goettingen</p> <p><b>Capturing the Drivers of Crop Water Footprints in Africa and its Regional Patterns</b> <b>Gracia-de-Renteria, Pilar</b><sup>1,2</sup>; <b>Nechifor, Victor</b><sup>3</sup>; <b>Ferrari, Emanuele</b><sup>3</sup> 1: Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA), Spain; 2: AgriFood Institute of Aragón-IA2 (CITA—University of Zaragoza), Spain; 3: European Commission, Joint Research Centre, Spain</p>	<p><b>CPS3.6: Development Economics &amp; Food Security</b> Location: <b>SALLE 12</b> Chair: <b>Dr. Neda Trifkovic</b>, University of Copenhagen</p> <p><b>Biomass Fires Increase Infant Mortality Globally</b> <b>Pullabhotla, Hemant Kumar</b><sup>1</sup>; <b>Zahid, Mustafa</b><sup>2</sup>; <b>Heft-Neal, Sam</b><sup>2</sup>; <b>Burke, Marshall</b><sup>2</sup> 1: Deakin University, Australia; 2: Stanford University</p>	<p><b>OS10.6: EU policy</b> Location: <b>SALLE 14</b></p> <p><b>Understanding The CAP And Its Future: Political Economy Perspectives</b> <i>Chair(s):</i> <b>Swinnen, Jo</b> (CGIAR &amp; IFPRI) <i>Discussant(s):</i> <b>Swinnen, Jo</b> (CGIAR &amp; IFPRI)</p> <p><i>Presentations of the Symposium</i></p>
	<p><b>Revealing The Cost Of Environmental Services In Dairy Farms</b> <b>Dzeglé, Kofivi</b><sup>1</sup>; <b>Ridier, Aude</b><sup>2</sup> 1: INRAE, France; 2: Agro Rennes-Angers, France</p>	<p><b>Doing More with Less: Margins of Response to Water Scarcity in Californian Irrigated Agriculture</b> <b>Smith, Sarah Caroline</b> University of California, Davis, United States of America</p>	<p><b>Livelihood Strategies and Nutrition in the Indian Rural-urban Interface</b> <b>Purushotham, Anjali; Steinhübel-Rasheed, Linda</b> Universtiy of Göttingen, Germany</p>	<p><b>The CAP In Context, Perspective And Retrospective</b> <b>Haniotis, Tassos</b> formerly DG AGRI</p>
	<p><b>Eco-Efficiency and Shadow Prices of GHG in EU Regions</b> <b>Cechura, Lukas</b><sup>1</sup>; <b>Bajan, Bartlomiej</b><sup>1</sup>; <b>Zakova Kroupova, Zdenka</b><sup>1</sup>; <b>Rudinskaya, Tamara</b><sup>2</sup>; <b>Naglova, Zdenka</b><sup>1</sup> 1: CZU Prague, Czech Republic; 2: UZEL, Czech Republic</p>	<p><b>Water Pricing Under Economies of Scale - An Economic Simulation Modelling Framework for Integrated Water Management</b> <b>Luckmann, Jonas Jens</b><sup>1</sup>; <b>Reznik, Ami</b><sup>2</sup>; <b>Finkelshtain, Israel</b><sup>2</sup>; <b>Kan, Iddo</b><sup>2</sup>; <b>Slater, Yehuda</b><sup>2</sup> 1: Humboldt-Universität zu Berlin, Germany; 2: The Hebrew University of Jerusalem, Israel</p>	<p><b>Early-Year Milk Price and Child Stunting in Zambia</b> <b>Kim, Chungmann</b><sup>1</sup>; <b>Baylis, Kathy</b><sup>2</sup> 1: University of Illinois, Urbana Champaign, United States of America; 2: University of California, Santa Barbara / Geography Department</p>	<p><b>The Latest CAP Reform: A Political Economy Perspective to Understand the Dutch NSP And An integral Assessment of Its Impacts</b> <b>Jongeneel, Roel, Gonzalez-Martinez, Ana</b> Wageningen Economic Research</p>
	<p><b>Towards Fossil Independent Agriculture? The Fossil-Based Inputs Use Efficiency of Agriculture in Sweden</b> <b>Huang, Vivian Wei</b> Swedish University of Agricultural Sciences, Sweden</p>	<p><b>Multi-scale Analysis of Water Sharing Based on Bio-economic Modeling</b> <b>Reineix, Julie; Jayet, Pierre-Alain</b> Université Paris-Saclay, INRAE, AgroParisTech, Paris-Saclay Applied Economics, 91120, Palaiseau, France</p>	<p><b>Import-Dependent Food Security: International Evidence From The US Maize-Ethanol Mandates</b> <b>Guye, Valentin</b> UCLouvain, Belgium</p>	<p><b>Can The CAP Alone Trigger A Genuine Agri-environmental Transition?</b> <b>Thoyer, Sophie</b> INRAE</p>
	<p><b>The Economic Value of Pollination Services for Seed Production: a Blind Spot Deserving Attention</b> <b>Feuerbacher, Arndt; Herbold, Theresa; Krumbe, Falk</b> Ecological-Economic Policy Modelling Group, University of Hohenheim, Germany</p>	<p><b>Purchasing Irrigation Water: Farmers' Decision-Making And Water Prices Over Time In India</b> <b>Haensch, Juliane Carola; Mehta, Yashree Shantanu; Brümmer, Bernhard</b> University of Goettingen, Germany</p>	<p><b>Fishermen's Wives: On The Cultural Origins of Violence Against Women</b> <b>Leyaro, Vincent</b><sup>2</sup>; <b>Selaya, Pablo</b><sup>1</sup>; <b>Trifkovic, Neda</b><sup>1</sup> 1: University of Copenhagen, Denmark; 2: University of Dar es Salaam, Tanzania</p>	<p><b>CAP In Times Of Multi-crisis: A Paradigm Shift Towards Resilience?</b> <b>Feindt, Peter</b> Humboldt University</p> <p><b>Trade, CAP General Overview And Future Of CAP</b> <b>Bureau, Jean Christophe</b> INRAE</p>

**OS11.6: Qopen session**Location: **SALLE 21****Q Open: Open Science and Implications for the Agricultural Economics Profession**

**Chair(s): Fraser, Iain** (University of Kent, United Kingdom), **Caputo, Vincenzina** (Michigan State Uni, US)  
**Discussant(s): Fraser, Iain** (University of Kent, United Kingdom), **Bazzani, Claudia** (University of Verona, Italy)

*Presentations of the Symposium***General issues around open access/science: Open Science in Agricultural Economics**

**Finger, Robert**  
 ETH Zurich, Switzerland

**Research transparency and the replication debate: Is Economics Self-Correcting? Replications in the American Economic Review**

**Peters, Jorg**  
 RWI, Climate Change and Development, Germany

**Registered Reports: How to Prepare a Registered Report and Associated Benefits**

**Arpinon, Thibaut**  
 Université Rennes 1, France

**Lessons From the Replication Crisis for Open Agricultural and Applied Economics from an Editor's and a Teacher Perspective**

**Huettel, Silke<sup>1</sup>, Hess, Sebastian<sup>2</sup>**  
<sup>1</sup>Georg-August-Universität Göttingen, Germany,  
<sup>2</sup>University of Hohenheim

**Food, Nutritional, and Related Policy Issues: Evidence-Based Policy and the Credibility Crisis**

**Just, David**  
 Cornell University, US

**Examining the Transformation of Food Value Chains and Related Research with Reference to Open Science**

**Reardon, Thomas**  
 Michigan State Uni, US

**OS12.6: Consumption**Location: **SALLE 18****Which Role For Information For Consumer Acceptance Of Genetically Engineered Foods?**

**Chair(s): Gil, José Maria** (CREDA, Spain), **Götz, Linde** (IAMO, Germany)  
**Discussant(s): Roosen, Jutta** (TU Munich, Germany)

*Presentations of the Symposium***Does Information Change German Consumers' Attitudes About Genetically Modified Food?**

**Wuepper, David**  
 University of Bonn, Germany

**Predicting Responsiveness To Information: Consumer Acceptance Of Biotechnology In Animal Products**

**Ortega, David<sup>1</sup>, Lusk, Jayson<sup>2</sup>, Li, Wen<sup>1</sup>, Caputo, Vincenzina<sup>1</sup>**  
<sup>1</sup>Michigan State University, USA, <sup>2</sup>Purdue University, USA

**Effects Of Scientific And Narrative Information On Willingness-to-pay For CRISPR Tomatoes In Germany**

**Gil, José Maria<sup>1</sup>, Götz, Linde<sup>2</sup>, Rahmani, Djamel<sup>1</sup>, Svanidze, Miranda<sup>2</sup>, Tissier, Alain<sup>3</sup>**  
<sup>1</sup>CREDA, Spain, <sup>2</sup>IAMO, Germany, <sup>3</sup>IPB, Germany

**OS13.6: Risk and resilience**Location: **SALLE 19****The Behavioural Side of Risk Management in Agriculture**

**Chair(s): Cerroni, Simone** (University of Trento, Italy), **Sckokai, Paolo** (Università Cattolica Sacro Cuore)  
**Discussant(s): Barreiro Hurle, Jesus** (EC Joint Research Centre), **Rommel, Jens** (Swedish University of Agricultural Sciences)

*Presentations of the Symposium***The Role of Attitudinal Heterogeneity and Farmers' Willingness to Pay for Multi-peril Crop Insurance**

**Michels, Marius, Musshoff, Oliver**  
 Georg-August-University Göttingen

**Eliciting Italian Farmers' Willingness to Adopt Weather Index Insurance: The role of risk and loss aversion**

**Chakrabarti, Anwesha, Castellari, Elena, Sckokai, Paolo, Arata, Linda**  
 Università Cattolica Sacro Cuore

**Dealing with Low-Probability Shocks: The Role of Selected Heuristics in Farmers' Risk Management Decisions**

**Duden, Christoph<sup>1</sup>, Musshoff, Oliver<sup>2</sup>, Offermann, Frank<sup>1</sup>**  
<sup>1</sup>The Thünen Institute,  
<sup>2</sup>Georg-August-University Göttingen

**Farmers' decision to join the Income Stabilization Tool: A super-contextualized field experiment**

**Rippo, Ruggiero, Cerroni, Simone**  
 University of Trento

**OS14.6: Sustainability along the supply chain**Location: **SALLE 5****Sustainable Food Packaging: Challenges and Opportunities**

**Chair(s): Weinrich, Ramona** (Universität Hohenheim, Germany), **Souza Monteiro, Diogo** (Newcastle University)

*Presentations of the Symposium***Consumers' Valuation for Biodegradable Plastic Packaging**

**Yang, Wei<sup>1</sup>, Nayga, Rodolfo M.<sup>2</sup>, Fang, Di<sup>3</sup>**  
<sup>1</sup>University of Arkansas,  
<sup>2</sup>Texas A&M University,  
<sup>3</sup>University of Florida

**Trade-offs between Plastic Packaging and Food Waste: Developing Understandings of What Works Using a New Household Simulation Model for Chicken Fillets**

**Reynolds, Christian<sup>1</sup>, Koh, Lenny<sup>2</sup>, Fayad, Ramzi<sup>2</sup>, Pickering, Jack<sup>2</sup>, Martin Torrejon, Virginia<sup>1</sup>, Rees, Deborah<sup>3</sup>, Fisher, Lorraine H. C.<sup>4</sup>, Kandemir, Cansu<sup>2</sup>, Greenwood, Sarah C.<sup>2</sup>, White, Adrian<sup>1</sup>, Parsons, Rorie<sup>5</sup>, Qusted, Tom<sup>6</sup>**  
<sup>1</sup>University of London,  
<sup>2</sup>The University of Sheffield,  
<sup>3</sup>University of Greenwich,  
<sup>4</sup>University of Kent,  
<sup>5</sup>University of Sheffield,  
<sup>6</sup>WRAP

**Intelligent Packaging for Reducing Food Waste**

**Dekker, Matthijs**  
 Wageningen University

**Sustainable Decision-making in the Food Sector**

**Weinrich, Ramona<sup>1</sup>, Mielinger, Ellen<sup>1</sup>, Krauter, Victoria<sup>2</sup>, Arranz, Elena<sup>3</sup>, Hurtado, Rosa Maria Camara<sup>3</sup>, Marcos, Begonya<sup>4</sup>, Poças, Fátima<sup>5</sup>, Ruiz de Maya, Salvador<sup>6</sup>, Herbes, Carsten<sup>7</sup>**  
<sup>1</sup>University of

			Hohenheim, <sup>2</sup> FH Campus Wien, University of Applied Sciences, <sup>3</sup> Complutense University of Madrid, <sup>4</sup> IRTA, <sup>5</sup> Universidade Católica Portuguesa, <sup>6</sup> University of Murcia, <sup>7</sup> Nuertingen-Geislingen University
<p><b>OS15.6: Farm Foundation session</b> Location: BELVEDERE</p> <p><b>Environmental Impacts and Policy Smallholder Farmers in the U.S.</b> <i>Chair(s):</i> <b>Malone, Trey</b> (University of Arkansas)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Navigating Sustainability Trade-offs: Insights from the Farm Foundation Stakeholders on Agri-food System Productivity Growth</b> <u>Malone, Trey</u> University of Arkansas</p> <p><b>Streamflow Restoration Through Well Retirement: Impacts on Farmers and Communities in Colorado's Republican River Basin</b> <u>Winton, Annaliese</u> Clemson University</p> <p><b>Sustainability and its Impact on Small Wheat Producers</b> <u>Long, Jack</u> Oklahoma State University</p> <p><b>Understanding How Small-Scale Dairy Processing Can Contribute to Enhancing Local Food Systems and Build Resiliency Among Small Dairy Farmers</b> <u>Myers, Jack</u> University of Arkansas</p> <p><b>Digital Ag for All: Linear Optimization of Crop Selection for Small-Scale Specialty Crop Growers</b> <u>Clark, Harrison</u> University of Tennessee</p>	<p><b>OS4.6: Agri-environmental schemes and chemical use</b> Location: SALLE 13</p> <p><b>Money for Nothing? Integrating Result-based Approaches To Improve the Efficiency of Agri-Environment Schemes – A Critical View!</b> <i>Chair(s):</i> <b>Schaller, Lena Luise</b> (University of Natural Resources and Life Sciences Vienna, Austria), <b>Targetti, Stefano</b> (University of Bologna, Italy) <i>Discussant(s):</i> <b>Dupraz, Pierre</b> (National Research Institute for Agriculture, Food and the Environment (France)), <b>Viaggi, Davide</b> (University of Bologna (Italy))</p> <p><i>Presentations of the Symposium</i></p> <p><b>Result-Based Schemes: The Way Ahead Or A Chimera?</b> <u>Targetti, Stefano, Viaggi, Davide</u> University of Bologna, Italy</p> <p><b>Environmental Extension Services And Their Value In The Context Of Result-Based Schemes</b> <u>Zavalloni, Matteo</u><sup>1</sup>, <u>Targetti, Stefano</u><sup>2</sup>, <u>Viaggi, Davide</u><sup>2</sup> <sup>1</sup>University of Urbino Carlo Bo, <sup>2</sup>University of Bologna, Italy</p> <p><b>The Role Of Perceived Risk, Self-efficacy And Subjective Norm In Farmers' Acceptance Of Result-Based Schemes</b> <u>Eichhorn, Theresa, Kantelhardt, Jochen, Schaller, Lena</u> University of Natural Resources and Life Sciences Vienna</p> <p><b>Decisive Macro-Environmental Factors For Participation In Result-Based Schemes - Findings From France, Germany And Austria</b> <u>Runge, Tania</u><sup>1</sup>, <u>Eichhorn,</u></p>	<p><b>OS5.6: Climate change and climate policy</b> Location: SALLE 2</p> <p><b>Climate Change Mitigation along the Food-supply Chain</b> <i>Chair(s):</i> <b>Laepfle, Doris</b> (University of Galway, Ireland), <b>Bartolini, Fabio</b> (University of Ferrara, Italy) <i>Discussant(s):</i> <b>Matthews, Alan</b> (Trinity College Dublin, Ireland)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Policies to Mitigate GHG Emissions in the Agriculture and Food Sector</b> <u>Valin, Hugo</u> OECD</p> <p><b>Innovation Potential for Climate-smart Dairy Systems</b> <u>Bartolini, Fabio</u><sup>1</sup>, <u>Winkler, Greta</u><sup>1</sup>, <u>Worley, Julian</u><sup>2</sup> <sup>1</sup>University of Ferrara, Italy, <sup>2</sup>University of Galway, Ireland</p> <p><b>Consumer Valuation of Low-Carbon Emission Butter</b> <u>Asioli, Daniele</u><sup>1</sup>, <u>Caputo, Vincenzina</u><sup>2</sup>, <u>Nayga, Rodolfo</u><sup>3</sup> <sup>1</sup>University of Reading, UK, <sup>2</sup>Michigan State University, United States, <sup>3</sup>Texas A&amp;M University, United States</p>	<p><b>OS6.6: Food loss and waste</b> Location: GRAND AUDITORIUM</p> <p><b>Food Loss and Food Waste: Taking Stock and Looking Forward</b> <i>Chair(s):</i> <b>Hess, Sebastian</b> (University of Hohenheim, Germany), <b>Loy, Jens-Peter</b> (University of Kiel) <i>Discussant(s):</i> <b>Lagerkvist, Carl-Johan</b> (SLU (Swedish University of Agricultural Sciences)), <b>Ren, Yanjun</b> (Northwest A&amp;F University (NWAUFU), China)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Meta Analysis of Worldwide Household Food Waste</b> <u>Hermanussen, Henrike</u><sup>1</sup>, <u>Loy, Jens-Peter</u><sup>1</sup>, <u>Ren, Yanjun</u><sup>2</sup> <sup>1</sup>University of Kiel, <sup>2</sup>Northwest A&amp;F University (NWAUFU), China</p> <p><b>Jointly Reducing Food Waste – The Experiences of the German Discussion Forum for Wholesale and Retail</b> <u>Orr, Lia</u> Thünen Institute - Federal Research Institute for Rural Areas, Forestry and Fisheries, Braunschweig</p> <p><b>Cooking Skills and Food Waste: Evidence from Chile</b> <u>Montes, Andrés Silva</u> Universidad San Sebastián, Santiago, Chile</p> <p><b>Systematic Review of the Interrelations Between Economic Factors and Food Waste Behavior</b> <u>Heijnk, Vicky</u>, <u>Hess, Sebastian</u> University of Hohenheim</p>

**Theresa<sup>2</sup>, Issanchou, Alice<sup>3</sup>**  
<sup>1</sup>Thünen Institute, Coordination Unit Climate and Soil, <sup>2</sup>University of Natural Resources and Life Sciences Vienna,, <sup>3</sup>INRAE

**Discussion:  
Implications Of Findings In The Light Of The CAP 2023-2027**

**Dupraz, Pierre<sup>1</sup>, Viaggi, Davide<sup>2</sup>**

<sup>1</sup>National Research Institute for Agriculture, Food and the Environment (France),  
<sup>2</sup>University of Bologna, Italy

**OS7.6: Novel methods**  
Location: **HORIZONS**

**Analytic Methods in the Bioeconomy**

*Chair(s):* **Wesseler, Justus** (Wageningen University, Netherlands, The), **Zilberman, David** (UC Berkeley)  
*Discussant(s):* **Soregaroli, Claudio** (Universita Cattolica del Sacro Cuore)

*Presentations of the Symposium*

**The Use Of Randomized Control Trials Vs. Observational Data**

**Zilberman, David**  
UC Berkeley

**Accounting for Irreversibility in Decision Making: Net-Present-Value and Real Options**

**Wesseler, Justus**  
Wageningen University

**Role of Econometrics and Programming Models in Assessing the Causal Impacts of Biofuels**

**Khanna, Madhu**  
University of Illinois

**OS8.6: Food systems**  
Location: **SALLE 4**

**From Assessments to Local Transition Approach Towards More Sustainable Food Systems: Insights From The Food Systems Assessment Initiative**

*Chair(s):* **Dury, Sandrine** (CIRAD, DGDRS, Montpellier, France), **David-Benz, Helene** (CIRAD, UMR MoISA, Saint-Pierre, France)

*Discussant(s):* **Brouwer, Herman** (Center for Development Innovation, Wageningen University, Wageningen, Netherlands), **Zurek, Monica** (Environmental Change Institute, University Oxford, Oxford, UK)

*Presentations of the Symposium*

**Food Systems Assessment: A Methodological Framework**

**David-Benz, Hélène<sup>1</sup>, Sirdey, Ninon<sup>2</sup>, Herlant, Patrick<sup>3</sup>**

<sup>1</sup>CIRAD, UMR MoISA, Saint-Pierre, France,  
<sup>2</sup>CIRAD, UMR MoISA, Montpellier, France, <sup>3</sup>FAO, CFI, Roma, Italia

**Food Systems Profile - Nepal case study**

**Koirala, Uma<sup>1</sup>, Pande, Ojeswee<sup>2</sup>, Subedi, Madhu<sup>3</sup>, Lançon, Frederic<sup>4</sup>, Herlant, Patrick<sup>5</sup>**  
<sup>1</sup>Tribhuvan University, Kathmandu, Népal .,  
<sup>2</sup>consultant, , Kathmandu, Népal, <sup>3</sup>FAO, Kathmandu, Nepal, <sup>4</sup>CIRAD, UMR Art-Dev, Montpellier, France, <sup>5</sup>FAO, CFI, Roma, Italia

**Key Sustainability Issues In Food**

**OS9.6: Agrifood trade**  
Location: **SALLE 20**

**Development and welfare effects of Geographical Indications**

*Chair(s):* **Vaquero Pineiro, Cristina** (Roma Tre University, Italy), **Curzi, Daniele** (University of Milan)  
*Discussant(s):* **Arfini, Filippo** (University of Parma)

*Presentations of the Symposium*

**Geographical Indications and Welfare: Evidence from the US Wine Market**

**Chandra, Raj<sup>1</sup>, Moschini, Giacarlo<sup>2</sup>, Lade, Gabriel E.<sup>3</sup>**

<sup>1</sup>Iowa State University,  
<sup>2</sup>Iowa State University,  
<sup>3</sup>Macalester College, Saint Paul, Minnesota

**Geographical Indications and Retailer Access**

**Rackl, Jakob, Menapace, Luisa**  
TUM

**Protection of Geographical Indications in Trade Agreements: is it worth it?**

**Emlinger, Charlotte<sup>1</sup>, Latouche, Karine<sup>2</sup>**  
<sup>1</sup>CEPII, <sup>2</sup>SMART INRAE, Nantes

**Believe in Quality: the Role of Geographical Indications for Imports**

**Vaquero Pineiro, Cristina<sup>1</sup>, Curzi, Daniele<sup>2</sup>**  
<sup>1</sup>Roma Tre University,  
<sup>2</sup>University of Milan

**PSTR1.6: Environmental Economics 2**

Location: **SCREEN 1**  
Chair: **Dr. Cathal Buckley, Teagasc**

**Why Is The Decline In Pollution From Agriculture So Slow? Evidence From Sweden**

**Wahtra, Julia Adele Marie; Johnsson, Nils Holger**  
Swedish University of Agricultural Sciences

**The Optimal Design Of Agri-Environmental Contracts Aimed At Reducing Methane Emissions From Dairy Production In Poland**

**Wąs, Adam; Kobus, Paweł; Majewski, Edward; Rawa, Grzegorz**  
Warsaw University of Life Sciences, Poland

**Trade-off Between Cost And Accuracy Of Soil Carbon Measurement**

**Photinodellis, Roxane<sup>1</sup>; Bruni, Elisa<sup>2</sup>; De Cara, Stéphane<sup>1</sup>; Bamière, Laure<sup>1</sup>; Guenet, Bertrand<sup>2</sup>; Chenu, Claire<sup>1</sup>**  
1: INRAE, France; 2: ENS, France

**Combined Economic, Environmental, and Social Life Cycle Assessment of pig farming considering abatement solutions for particulate matter and ammonia**

**Bacenetti, Jacopo; Costantini, Michele; Guarino, Marcella**

## **Systems: Cross-territorial Analysis In 8 Countries**

**Lourme-Ruiz, Alissia<sup>1</sup>,  
Deshons, Alice<sup>2</sup>, Sirdey,  
Ninon<sup>3</sup>, David-Benz,  
Hélène<sup>4</sup>, Vagneron,  
Isabelle<sup>3</sup>, Gueneau,  
Stéphane<sup>5</sup>**

<sup>1</sup>UMR MoISA, Montpellier, France, <sup>2</sup>consultant, Montpellier, France, <sup>3</sup>CIRAD, UMR MoISA, Montpellier, France, <sup>4</sup>CIRAD, UMR MoISA, La Réunion, France, <sup>5</sup>CIRAD, UMR MoISA, Vientiane, Laos

## **Science And Policy Interface: From Global Issues To Local Transition Approach**

**Vagneron, Isabelle<sup>1</sup>,  
Lourme-Ruiz, Alissia<sup>1</sup>,  
Karantininis, Kostas<sup>2</sup>**

<sup>1</sup>CIRAD, UMR MoISA, <sup>2</sup>Department of People & Society, Swedish University of Agricultural Sciences

Department of Environmental Science and Policy, University of Milan, Italy

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## **The Challenge Of Evaluating Agri-Environmental Measures - Linking Ecological And Economic Aspects In A Transdisciplinary Project**

**Bosse, Anika<sup>1</sup>;  
Schroeder, Lilli Aline<sup>1</sup>;  
Baden-Böhm,  
Franziska<sup>2</sup>; Beninde,  
Jannik<sup>3</sup>; Gienapp,  
Phillip<sup>3</sup>; Kulow,  
Josephine<sup>2</sup>; Plaas,  
Elke<sup>1</sup>; Sanders, Jörn<sup>1,4</sup>;  
Schnee, Liesa<sup>5</sup>;  
Sutcliffe, Laura<sup>5</sup>**

1: Thünen Institute of Farm Economics, Germany; 2: Thünen Institute of Biological Diversity, Germany; 3: Michael-Otto-Institut im NABU, Germany; 4: Research Institute for Organic Agriculture (FiBL), Switzerland; 5: University of Göttingen, Germany

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## **SEEA AFF –Consistent Dairy-Focused Regional Social Accounting Matrix**

**Hyytiä, Nina<sup>1</sup>; Starr,  
Antony<sup>2</sup>**

1: University of Helsinki, Finland; 2: University of Helsinki, Finland

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## **Forest Owner Attitudes and Preferences for Voluntary Forest Conservation**

**Kosenius, Anna-Kaisa**  
University of Helsinki, Finland

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## **What is at Steak? Livestock-based Carbon Offset Schemes and the Transition to Net Zero**

**Boaitey, Albert**  
Newcastle University, United Kingdom

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## **Using the EU Farm Accountancy Data Network to inform GHG and Ammonia national inventory accounts**

**Buckley, Cathal**  
Agricultural Economics & Farm Surveys

**PSTR2.6: Animal Welfare**Location: **SCREEN 2**Chair: **Leonie Bach**, University of Bonn**Animal Welfare and Farm Performance: A Welfare-Efficiency Analysis of Irish Dairy Farms****Ait Sidhoum, Amer**; Niemi, Jarkko

Natural Resources Institute Finland (Luke), Finland

**Conflicting Sustainability Goals in Animal Husbandry: What Influences German Consumers' Choice for Different Labeled Salami Products?****Klink-Lehmann, Jeanette Leila**; Tatic, Milan; Weingarten, Nina; Hartmann, Monika  
University of Bonn, Germany**Implementation Of The EU Animal Welfare Legislation In The Member States: Conceptual Challenges, Levels Of Compliance, Coverage Rates****Dusel, Sara**; Wieck, Christine

University of Hohenheim, Germany

**Animal-friendly Traditions? Animal Welfare Considerations in Product Specifications of EU Geographical Indications****Höhn, Gero Laurenz**  
KU Leuven, Belgium**A Systematic Literature Mapping Review: Linking Animal Health and Welfare Measures in Dairy Cows to Farm Level Economic Outcomes****Af Sandeberg, Agnes**; Båge, Renée; Nyman, Ann-Kristin; Agenäs, Sigrid; Hansson, Helena  
Swedish University of Agricultural Sciences, Sweden**Evaluation Of Animal Welfare Outcomes Of RDP-Measures For Dairy Cows****Bergschmidt, Angela****PSTR3.6: Viticulture**Location: **SCREEN 3**Chair: **Dr. Zein Kallas**, Center for Agro-Food Economics and Development-UPC-IRTA**The Effect of Geographical Denomination on the Uptake of Fungus-resistant Grapevines****Zachmann, Lucca**; **McCallum, Chloe**; Finger, Robert

Agricultural Economics and Policy Group, ETH Zurich, Switzerland

**What do Consumers Ask Businesses to do for Sustainability? The Case of the Wine Industry in Italy.****Ricci, Elena Claire**; **Capitello, Roberta**; **De Pinto, Sabina**; Begalli, Diego

Department of Management, University of Verona, Italy

**Assessing The Benefits Of Irrigation Access: The Case Of Southern France Vineyards****Le Gallo, Juliette**; **Graveline, Nina**

INNOVATION, Univ Montpellier, CIRAD, INRAE, Institut Agro, Montpellier, France

**Grapevine Growers' Preferences for Pesticide Health and Environmental Risk Reductions****McCallum, Chloe**; **Zachmann, Lucca**; Finger, Robert

Agricultural Economics and Policy Group, ETH Zurich, Switzerland

**Climate Change Content Via Social Media: Are Wine Consumers Affected?****Ricci, Elena Claire**; **Morandi, Sonia**; Begalli, Diego

Università degli Studi di Verona, Italy

**Assessing Winegrowers' Adaptations to Climate Change: A Case Study of the Languedoc Roussillon Vineyard****Luque Armand, Oihana**; **Graveline, Nina**

INNOVATION, Univ Montpellier, CIRAD, INRAE,

**PSTR4.6: CAP Analysis**Location: **SCREEN 4**Chair: **Sofia Kislingerová**, Institute of agricultural economics and information**The Impacts of Agricultural Subsidies on Greenhouse Gas Emissions: The case of the European Union****Balogh, Jeremiás Máté**

Corvinus University of Budapest, Hungary

**The Establishment of European Green Deal Implementation in Agriculture – The Case of Poland****Prandecki, Konrad**; **Wrzaszcz, Wioletta**

Institute of Agricultural and Food Economics National Research Institute, Poland

**Framing Societal Concerns in the CAP Reform Process 2013 in Austria's Agricultural Media****Obwegger, Andrea**; Mitter, Hermine; Schmid, Erwin

University of Natural Resources and Life Sciences Vienna, Austria

**The Impact of CAP Subsidies on the Productivity of Cereal Farms in Six European Countries****Biagini, Luigi**<sup>1</sup>; Antonioni, Federico<sup>2</sup>; Severini, Simone<sup>1</sup>

1: Department of Agriculture and Forest Sciences, University of Tuscia, Viterbo, Italy; 2: Joint Research Centre, European Commission, Sevilla, Spain

**Impact Of The Farm-to-Fork Strategy And The Green Agenda On Agricultural Markets In The Western Balkans****Reinhardt, Tilman**<sup>1</sup>; **Bajramovic, Sabahudin**<sup>2</sup>; **Dimitrievski, Dragi**<sup>3</sup>; **Kotevska, Ana**<sup>3</sup>; **Kovacevic, Vlado**<sup>4</sup>; **Markovic, Milan**<sup>5</sup>; **Martinovska-Stojcheska, Aleksandra**<sup>3</sup>; **Miftari, Iliriana**<sup>6</sup>; **Simonovska, Ana**<sup>3</sup>; **Tuna, Emelj**<sup>3</sup>; **Vaško, Željko**<sup>7</sup>; **Zhllima, Edvin**<sup>8</sup>; **Pavloska - Gjorgjieska, Dori**<sup>9</sup>; **von Witzke, Katarina**<sup>10</sup>; **Cartsburg, Matti**<sup>10</sup>

1: University of Bayreuth,

Department, Teagasc, Ireland

**PSTR5.6: Development Economics 1**Location: **SCREEN 5**Chair: **Dr. Ana Claudia Sant'Anna**, West Virginia University**Converting invasive plants into feed: Farmers' perceptions in Hadejia Valley (Nigeria)****Estefania-Salazar, Enrique**<sup>1,2</sup>; **Iglesias, Eva**<sup>1,2</sup>; **Loureiro, Maria**<sup>2,3</sup>

1: Universidad Politécnica de Madrid; 2: Ceigram; 3: Universidad de Santiago de Compostela

**Welfare Effects of Food-Processing Development in Agriculture-Based Economies: A CGE Analysis for Benin****Kinkpe, Agossoussi Thierry**; **Luckmann, Jonas**; **Grethe, Harald**  
Humboldt-Universität zu Berlin (Germany), International Agricultural Trade and Development**The Economic Dependency of Ghana's Cocoa Sector on Pollination Services****Krumbe, Falk**; **Feuerbacher, Arndt**  
University of Hohenheim, Germany**Micro-economic Implications Of Improved Land Tenure Security For Food And Energy Security: Evidence From Southern Ethiopia****Sauer, Tinne**; **Vranken, Liesbet**; **Maertens, Miet**  
KU Leuven, Belgium**Impact of Farmer Producer Organisation (FPO)-led Maize Value Chain on Farmer's Income in Karnataka, India****S, Likhitha**; **Perumal, Anbukkani**; **Kumar, Pramod**  
Indian Agricultural Research Institute, India**Got Milk? Exploring the Link Between**

**Schwarze, Stefan**  
Thünen-Institut, Germany

### **Visualizing Animal Husbandry at the Point of Sale: A 3D Virtual Supermarket Experiment**

**Bach, Leonie**<sup>1</sup>;  
**Weingarten, Nina**<sup>1</sup>;  
**Roosen, Jutta**<sup>2</sup>; **Hartmann, Monika**<sup>1</sup>

1: University of Bonn, Germany; 2: Technical University of Munich, Germany

Institut Agro, Montpellier, France

### **Consumers' Preference for Reduced Pesticide Use in Conventional Vineyards: A Reference Price-Dependent Discrete Choice Experiment**

**Larvoe, Noah**<sup>1,2</sup>; **Kallas, Zein**<sup>1,2,3</sup>; **de Herralde, Felicidad**<sup>3</sup>

1: Polytechnic University of Catalonia, Spain; 2: Center for Agro-Food Economics and Development; 3: Institute of Agrifood Research and Technology (IRTA)

Germany; 2: University of Sarajevo; 3: University of Ss. Cyril and Methodius in Skopje; 4: Institute for Agricultural Economics, Belgrade; 5: University of Montenegro; 6: University of Prishtina; 7: University of Banja Luka; 8: Agricultural University of Tirana; 9: Standing Working Group for Regional Rural Development in South-Eastern Europe; 10: hffa research

### **Agricultural Policy In EU Pre-Accession Countries Towards Green Transition**

**Martinovska Stojcheska, Aleksandra**<sup>1</sup>; **Kotevska, Ana**<sup>1</sup>; **Janeska Stamenkovska, Ivana**<sup>1</sup>; **Dimitrievski, Dragi**<sup>1</sup>; **Kasimis, Charalambos**<sup>2</sup>; **Zhillima, Edvin**<sup>3</sup>; **Vaško, Željko**<sup>4</sup>; **Bajramović, Sabahudin**<sup>5</sup>; **Kerolli Mustafa, Mihone**<sup>6</sup>; **Marković, Milan**<sup>7</sup>; **Kovačević, Vlado**<sup>8</sup>; **Ali Koç, Ahmet**<sup>9</sup>; **Bayaner, Ahmet**<sup>9</sup>; **Pavloska Gjorgjieska, Dori**<sup>10</sup>; **Ilic, Boban**<sup>10</sup>

1: Ss. Cyril and Methodius University in Skopje, Faculty of Agricultural Sciences and Food - Skopje, North Macedonia; 2: Agricultural University of Athens, Greece; 3: Agricultural University of Tirana, Faculty of Economy and Agribusiness, Albania; 4: University of Banja Luka, Faculty of Agriculture, Bosnia and Herzegovina; 5: University of Sarajevo, Faculty of Agriculture and Food Science, Bosnia and Herzegovina; 6: International Business College Mitrovica, Kosovo; 7: University of Montenegro, Biotechnical Faculty, Podgorica, Montenegro; 8: Institute for Agricultural Economics, Belgrade, Serbia; 9: Akdeniz University, Antalya, Turkey; 10: Regional Rural Development Standing Working Group (SWG) in SEE

### **Using Bio-Economic Farm Modeling to Assess the Economic Impact of the Common Agricultural Policy Post 2023**

**Kuhn, Till**<sup>1</sup>; **Kokemohr, Lennart**<sup>2</sup>; **Storm, Hugo**<sup>1</sup>

1: University of Bonn, Germany; 2: Institute for Rural and Regional Research, Norway

### **Women's Decision-making in Dairy Production and Welfare Investments in Boys Vs. Girls**

**Lin, Jessie**; **Wollni, Meike**  
University of Goettingen, Germany

### **Explaining Gender Differences In The Intensity Of Agri-Environment-Climate Scheme In Slovenia**

**Bojnec, Štefan**<sup>1</sup>; **Fertő, Imre**<sup>2</sup>

1: University of Primorska, Slovenia; 2: Centre for Economic and Regional Studies, Hungary

### **Measuring Women Empowerment In Agriculture And Assessing Their Risk and Time Preferences**

**Nacka, Marina**<sup>1</sup>; **Drichoutis, Andreas**<sup>2</sup>; **Nayga, Rodolfo**<sup>3</sup>

1: Ss. Cyril and Methodius University in Skopje, Faculty of Agricultural Sciences and Food - Skopje, North Macedonia; 2: Agricultural University of Athens, Greece; 3: Texas A&M University, USA

### **Identifying Linkages Between Women, Non-White Farmers, And The Level of Diversity In The Leadership Of A Major US Ag Lender**

**Sant'Anna, Ana Claudia**  
West Virginia University, United States of America

**Sectoral Effects of  
Production Limits  
Resulting from  
European Green Deal  
on Czech Agriculture**

**Chaloupka, Ondřej;  
Kislingerová, Sofia;  
Jelínek, Ladislav**  
Institute of agricultural  
economics and  
informations, Czech  
Republic

**PSTR6.6: Scenarios and  
WTP Analysis**

Location: **SCREEN 6**

Chair: **Dr. Ryosuke Kikushima,**  
Tokyo University of Agriculture

**Participatory  
development of Shared  
Socio-economic  
Pathways for Austria's  
agri-food systems**

**Karner, Katrin; Schönhart,  
Martin; Mitter, Hermine**

Department of Economics  
and Social Sciences,  
University of Natural  
Resources and Life  
Sciences, Vienna, Austria

**Factors to Scale Up  
Innovative and  
Sustainable Food  
Systems: A Flemish  
Case Study**

**Alonso Adame, Alba<sup>1,2</sup>;  
Van Meensel, Jef<sup>1</sup>;**

**Farahbakhsh, Siavash<sup>1</sup>**

1: Flanders Research  
Institute for Agriculture,  
Fisheries and Food,  
Belgium; 2: University of  
Antwerp, Belgium

**Stakeholder's  
Engagement in Role  
Play's Living Labs for  
Knowledge Co-creation  
to Enhance Agri-food  
Systems ; a Quadruple  
Helix Model for EVOO  
Supply Chain in Apulia,  
Italy**

**Ahmadi, Senour; Cofano,  
Valeria Greta; Calò, Ilaria  
Vincenza; Zullo, Diego  
Antonio; Prospero,  
Maurizio; Viscecchia,  
Rosaria; Lopolito,  
Antonio; Stasi, Antonio**  
University of Foggia, Italy

**Transformed  
Agriculture In Global  
Competition - "Turn Of  
An Era" Or Business  
As Usual: What Do  
Farmers And Citizens  
Want For The Future  
Direction Of  
Agriculture?**

**Noack, Marlene Elisabeth;  
Tietjens, Florian; Latacz-  
Lohmann, Uwe**  
CAU zu Kiel, Germany



**The Role Of The Creative Industry In The Co-design Of Regional Development Strategies**

Cofano, Valeria Greta;  
Zullo, Diego Antonio;  
Calò, Ilaria Vincenza;  
Ahmadi, Senour; Prosperi, Maurizio; Viscecchia, Rosaria; Lopolito, Antonio; Stasi, Antonio  
University of Foggia, Italy

**Willingness to Pay and Framing Effect: Evidence from Organic Tomatoes**

Ferreira, Larice Simone de Oliveira; Silveira, Rodrigo Lanna Franco da; Maia, Alexandre Gori  
University of Campinas - Unicamp, Brazil

**Influence of Short Food Supply Chain Characteristics on Consumer Perceptions and Willingness to Pay for Sustainable Packaging in Processed Food**

Van Parys, Esther; De Steur, Hans; Gellynck, Xavier; Schouteten, Joachim Jietse  
Ghent University, Department of Agricultural Economics, Ghent, Belgium

**Consumer Awareness of Feed Given to Cattle in Japan**

Kikushima, Ryosuke<sup>1</sup>; Nakajima, Shinsaku<sup>2</sup>  
1: Tokyo University of Agriculture, Japan; 2: Meiji University, Japan

10:30am - 11:00am	BR4: Coffee break
11:00am - 12:30pm	<b>PL3: Innovation for Sustainability and Resilience in the Agri-food System</b> Location: GRAND AUDITORIUM Chair: Prof. Sophie Thoyer, INRAE  <b>Digital Innovations for Sustainable and Resilient Agricultural Systems</b> <u>Finger, Robert</u> ETH Zürich, Switzerland  <b>The Digitization and Greening of the European Agri-food Industry</b> <u>Šermukšnyté-Alešiūnienė, Kristina</u> AgriFood Lithuania DIH, Lithuania
12:30pm - 1:45pm	L2: Lunch (take away)
1:45pm - 7:30pm	SOC3: Study tours
7:30pm - 9:15pm	SOC4: Social event

Date: Friday, 01/Sept/2023

9:00am  
-  
10:30am

OS1.7: Balkan session  
Location: SALLE 6

**Agriculture and Rural Development from a Western Balkan Countries Perspective: Global and Local Challenges**

*Chair(s):* **Martinovska Stojcheska, Aleksandra** (Faculty of Agricultural Sciences and Food, Ss. Cyril and Methodius University in Skopje), **Erjavec, Emil** (Biotechnical Faculty, University of Ljubljana)  
*Discussant(s):* **Bogdanov, Natalija** (Faculty of Agriculture, University of Belgrade), **Jambor, Attila** (Corvinus University of Budapest)

*Presentations of the Symposium*

**Agriculture and Rural Policy Developments in the Western Balkans – Internal and External Challenges towards EU integration**

**Martinovska Stojcheska, Aleksandra, Kotevska, Ana, Janeska Stamenkovska, Ivana, Dimitrievski, Dragi** Faculty of Agricultural Sciences and Food, Ss. Cyril and Methodius University in Skopje

**The Diversity of Family Farming Systems in Mountain Areas**

**Papić Milojević, Ružica, Bogdanov, Natalija** Faculty of Agriculture, University of Belgrade

**Covid-19 and Ukraine War Impact on Agriculture and Rural Development**

**Xhoxhi, Orjon, Skreli, Engjell, Zhilima, Edvin, Imami, Drini** Faculty of Economics and Agribusiness, Agricultural University of Tirana

**Consumer Awareness and Preferences for Food Safety and Quality in Western Balkans**

**Imami, Drini<sup>1</sup>, Miftari, Iliriana<sup>2</sup>, Haas, Rainer<sup>3</sup>, Meixner, Oliver<sup>3</sup>**

<sup>1</sup>Faculty of Economics and Agribusiness, Agricultural University of Tirana,

<sup>2</sup>Faculty of Agriculture and Veterinary, University of

OS10.7: EU policy  
Location: SALLE 14

**Challenges For Evidence-Based Farm Animal Welfare Policies In The EU**

*Chair(s):* **Wieck, Christine** (Department of Agricultural and Food Policy, University of Hohenheim, Stuttgart, Germany), **Pérez Domínguez, Ignacio** (European Commission, Joint Research Center, Seville, Spain)  
*Discussant(s):* **Grethe, Harald** (Department of International Agricultural Trade and Development, Humboldt University of Berlin, Germany)

*Presentations of the Symposium*

**Challenges In The Ex Post Evaluation Of The Existing EU Farm Animal Welfare Legislation**

**Dusej, Sara, Wieck, Christine** Department of Agricultural and Food Policy, University of Hohenheim, Stuttgart, Germany

**Quantitative Ex Ante Assessment Of Animal Welfare Practices: Challenges And Solutions**

**Niemi, Jarkko K.** Natural Resources Institute Finland (LUKE), Helsinki, Finland

**How Improved Animal Welfare Standards In The EU Might Affect Farmers And Consumers In The Medium Term**

**Beber, Caetano, Elleby, Christian, Pieralli, Simone, Farkas, Beatrice, Pérez Domínguez, Ignacio, Hristov, Jordan** European Commission, Joint Research Center, Seville, Spain

OS11.7: EuroChoices session  
Location: SALLE 21

**Strategies To Increase The Policy Impact Of Published Socio-Economic Research**

*Chair(s):* **Poppe, Krijn** (Advisory Group Eurochoices), **Lazorcakova, Ema** (Slovak University of Agriculture, Nitra)  
*Discussant(s):* **El Benni, Nadja** (Agroscope, Ettenhausen), **Hey, Anthony** (Wiley Oxford)

*Presentations of the Symposium*

**To Be Completed**

**Lutzeijer, Hans Jorg** SACR secretariat, Brussels

**To be completed**

**Kao, Cyril** French Ministry of Agriculture, Paris

**To be completed**

**Banse, Martin** Thunen Institute, Braunschweig

OS12.7: Consumption  
Location: SALLE 18

**Experimental Economics Research On Food Consumption: Methods And Applications**

*Chair(s):* **Nayga, Rodolfo** (Texas A&M university), **Cerjak, Marija** (University of Zagreb Faculty of Agriculture)  
*Discussant(s):* **Kilders, Valerie** (Purdue University), **Caputo, Vincenzina** (Michigan State University)

*Presentations of the Symposium*

**Consumers' Willingness To Pay For The Ancient Pear Cultivar "Angelica"**

**Maesano, Giulia, Rivaroli, Sergio, Spadoni, Roberta, Tartarini, Stefano, Gregori, Roberto, Canavari, Maurizio** University of Bologna

**A Real Choice Experiment On Pasta Protein Choice In Sweden**

**Rommel, Jens, Edenbrandt, Anna Kristina, Säll, Sarah** Swedish University of Agricultural Sciences

**Consumer Preferences For Organic And Local Apples: Evidence From Experimental Auctions**

**Juračak, Josip<sup>1</sup>, Cerjak, Marija<sup>1</sup>, Kovačić, Damir<sup>1</sup>, Drichoutis, Andreas<sup>2</sup>**

<sup>1</sup>University of Zagreb Faculty of Agriculture, <sup>2</sup>Agricultural University of Athens

**Reference Dependence, Expectations and Anchoring in the Becker-DeGroot-Marschak Mechanism**

**Vassilopoulos, Achilleas<sup>1</sup>, Drichoutis, Andreas<sup>1</sup>, Nayga, Rodolfo M.<sup>2</sup>**

<sup>1</sup>Agricultural University of Athens, <sup>2</sup>Texas A&M University

Prishtina, <sup>3</sup>Institute of Marketing and Innovation, Department of Economics and Social Sciences, University of Natural Resources and Life Sciences

**OS13.7: Risk and resilience**  
Location: **SALLE 19**

### **The Role of Risk and Risk Preferences in Agriculture**

*Chair(s):* **de Mey, Yann** (Wageningen University & Research, Business Economics Group, Wageningen, the Netherlands), **Dalhaus, Tobias** (Wageningen University & Research, Business Economics Group, Wageningen, the Netherlands)  
*Discussant(s):* **Giampietri, Elisa** (University of Padova, Department of Land, Environment, Agriculture and Forestry, Italy), **Slijper, Thomas** (Swedish University of Agricultural Sciences (SLU), Department of Economics, Uppsala, Sweden)

*Presentations of the Symposium*

### **Impact of Switching from Mixed to Specialised Farming on Profits and Risks Therein**

*Low, Guy, de Mey, Yann, Meuwissen, Miranda, Dalhaus, Tobias* (Wageningen University & Research)

### **Comparing Production Risk and its Determinants in Organic and Conventional Dutch Arable Farming**

*de Mey, Yann, Tonkens, Marit* (WUR)

### **Measuring Farmer Risk Preferences – Challenges, Opportunities and Experiences from Europe**

*Finger, Robert<sup>1</sup>, McCallum, Chloe<sup>1</sup>, Garcia, Viviana<sup>1</sup>, Wuepper, David<sup>2</sup>*  
<sup>1</sup>ETH Zürich, <sup>2</sup>University of Bonn

### **Environmental and Psychosocial Determinants of Risk Preferences**

*Di Falco, Salvatore<sup>1</sup>, Doku, Angela<sup>2</sup>*  
<sup>1</sup>University of Geneva,

**OS14.7: Cooperatives**  
Location: **SALLE 5**

### **Social Capital in Agricultural Cooperatives: Research on Agri-Food System Transformation**

*Chair(s):* **Iliopoulos, Constantine** (Hellenic Agricultural Organization-Demeter (ELGO-D), Greece), **Gonzalez Diaz, Manuel** (University of Oviedo, Spain)  
*Discussant(s):* **Cook, Michael Lee** (University of Missouri, USA), **Tortia, Ermanno Celeste** (University of Trento, Italy)

*Presentations of the Symposium*

### **Social Capital as a Governance Mechanism: Digging Into Its Evolution Along Cooperatives' Life Cycle**

*Martínez López, Irene<sup>1</sup>, Iliopoulos, Constantine<sup>2</sup>, Fernández Barcala, Marta<sup>1</sup>, González Díaz, Manuel<sup>1</sup>*  
<sup>1</sup>University of Oviedo, Spain, <sup>2</sup>Agricultural Economics Research Institute (AGRERI), Greece

### **The Governance Structures In Swedish Agricultural Cooperatives**

*Nilsson, Jerker, Hakelius, Karin* (SLU, Sweden)

### **Social Capital In Agricultural Cooperatives: A New Luhmannian Approach**

*Valentinov, Vladislav<sup>1</sup>, Iliopoulos, Constantine<sup>2</sup>*  
<sup>1</sup>Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany, <sup>2</sup>Hellenic Agricultural Organization-Demeter (ELGO-D), Greece

### **Social Capital and Incentives in the Provision of Product Quality by Cooperatives**

*Weng, Wendong, Hendrikse, George* (Erasmus University, The Netherlands)

**OS2.7: Sustainability along the supply chain**  
Location: **SALLE 3**

### **Socio-economics Of Climate-friendly Peatland Use**

*Chair(s):* **Buschmann, Christoph** (Thuenen Institute of Rural Studies, Germany), **Wegmann, Johannes** (Thuenen Institute of Rural Studies, Germany)  
*Discussant(s):* **Wichmann, Sabine** (University of Greifswald, Institute of Botany and Landscape Ecology, Germany; partner in the Greifswald Mire Centre (GMC)), **Chen, Cheng** (Leibniz Centre for Agricultural Landscape Research (ZALF), Germany)

*Presentations of the Symposium*

### **Paludiculture – Opportunities And Challenges Of Sustainable Peatland Use In Europe**

*Wichmann, Sabine* (University of Greifswald, Institute of Botany and Landscape Ecology, Germany; partner in the Greifswald Mire Centre (GMC))

### **Is Paludiculture A Cost-effective Policy Instrument To Reduce Greenhouse Gas Emissions From Agriculture?**

*Miettinen, Antti, Saarnio, Sanna* (Natural Resources Institute Finland (Luke), Finland)

### **A Politically Justified Budget For The 1.5° Compatible Rewetting Of Peatlands In Germany: The Coal Phase-out As A Model For The Peatland Drainage Phase-out**

*Sommer, Pia<sup>1</sup>, Lakner, Sebastian<sup>1</sup>, Nordt, Anke<sup>2</sup>, Tanneberger, Franziska<sup>2</sup>, Wegmann, Johannes<sup>3</sup>*  
<sup>1</sup>University of Rostock, Faculty of Agricultural and Environmental Sciences, Agricultural Economics, Germany, <sup>2</sup>University of Greifswald, Institute of Botany and Landscape Ecology, Germany; partner

**OS3.7: Digital innovations**  
Location: **GRAND AUDITORIUM**

### **Digital Innovations in Agribusiness Education**

*Chair(s):* **Ahrendsen, Bruce** (University of Arkansas), **Ihle, Rico** (Wageningen University)  
*Discussant(s):* **Gardebroek, Cornelis** (Wageningen University), **Heijman, Wim** (Czech University of Life Sciences)

*Presentations of the Symposium*

### **How Vocational Education and Training can Drive the Green Transition in Agri-food**

*Chatzichristou, Stelina* (Expert European Centre for the Development of Vocational Training (Cedefop), Skills trends and intelligence, Department for vocational education, training and skills)

### **The Importance of Digital Cooperation Programs for a Pre-accession Country and Bridges to the EU Membership using Agricultural Development**

*Gherciu, Sergiu<sup>1</sup>, Martin, Liliana<sup>2</sup>*  
<sup>1</sup>Secretary of State, Ministry of Agriculture and Food Industry, Republic of Moldova, <sup>2</sup>Head of Policy Department, Ministry of Agriculture and Food Industry, Republic of Moldova

### **Digital Solutions in Agriculture from North to South**

*Gyorffy, Camelia* (Copa-Cogeca)

### **Digitization of Higher Education: Realities and Perspectives in the EU Accession Candidate Moldova**

*Turcanu, Dinu* (Technical University of Moldova (Moldova))

<sup>2</sup>University of Chicago

in the Greifswald Mire Centre (GMC), <sup>3</sup>Thuenen Institute of Rural Studies, Germany

**Assessing Policy Coherence And Incentive-based Policies For Climate-friendly Use Of Peatlands In The EU**  
**Chen, Cheng, Loft, Lasse, Matzdorf, Bettina**  
Leibniz Centre for Agricultural Landscape Research (ZALF), Muncheberg, Germany

**Innovative Solutions and Methods in Professional Agribusiness Education in Europe - the Example of e-AgrIMBA Learning System**

**Malak Rawlikowska, Agata<sup>1</sup>, Kurek, Katarzyna<sup>2</sup>, Heijman, Wim<sup>2</sup>, Kovacs, Krisztián<sup>3</sup>, Bielik, Peter<sup>4</sup>, Juračak, Josip<sup>5</sup>, Litvin, Aurelia<sup>6</sup>, Ihle, Rico<sup>7</sup>**

<sup>1</sup>Warsaw University of Life Sciences (Poland), <sup>2</sup>Czech University of Life Sciences (Czech Republic), <sup>3</sup>University of Debrecen (Hungary), <sup>4</sup>Slovak Agricultural University in Nitra (Slovakia), <sup>5</sup>University of Zagreb (Croatia), <sup>6</sup>Technical University of Moldova (Moldova), <sup>7</sup>Wageningen University (Netherlands)

**Creative Learning for Boosting Bio-economy within HEIs' Curricula**

**Drejerska, Nina<sup>1</sup>, Burnard, Pamela<sup>2</sup>, Fiore, Mariantonietta<sup>3</sup>, Vrontis, Demetris<sup>4</sup>, Chkoniya, Valentina<sup>5</sup>, Sobczak, Wioleta<sup>6</sup>**

<sup>1</sup>Warsaw University of Life Sciences (Poland), <sup>2</sup>University of Cambridge, (United Kingdom), <sup>3</sup>University of Foggia (Italy), <sup>4</sup>University of Nicosia (Cyprus), <sup>5</sup>University of Aveiro (Portugal), <sup>6</sup>Warsaw University of Life Science (Poland)

**OS4.7: Agri-environmental schemes and chemical use**  
Location: **SALLE 13**

**Eliciting Farmers Preferences for Agri-Environmental Schemes Using Discrete Choice Experiments: Lessons Learnt and Emerging Research Questions**

**Chair(s): Kuhfuss, Laure** (the James Hutton Institute, United Kingdom), **Villanueva, Anastasio J.** (Institute of Agricultural and Fisheries Research and Training (IFAPA))  
**Discussant(s): Thoyer, Sophie** (INRAE)

*Presentations of the Symposium*

**OS5.7: Climate change and climate policy**  
Location: **SALLE 2**

**Smart climate policy design: what contribution of Agricultural Economics?**

**Chair(s): Börner, Jan** (University of Bonn, Germany), **Hüttel, Silke** (University of Göttingen, Germany)

*Presentations of the Symposium*

**Applied Economic Modelling For Climate Policy Support**

**Havlik, Petr**  
IIASA

**OS6.7: Food supply chains**  
Location: **SALLE 12**

**The Living Lab approach as an Ecosystem for Co-innovation in the Agrifood systems**

**Chair(s): Kallas, Zein** (Center for Agro-Food Economics and Development-UPC-IRTA, Spain), **De Magitris, Tiziana** (Agri-Food Research and Technology Centre of Aragon-CITA)  
**Discussant(s): Stahl, Christoph** (Luxembourg Institute of Science and Technology (LIST)- IT for Innovative Services (ITIS)), **La Barbera, Francesco** (Università degli Studi di Napoli Federico II)

**OS7.7: Novel methods**  
Location: **HORIZONS**

**Innovations in Agricultural Data Collection: Integrating Science and Society in the Context of Household Surveys**

**Chair(s): Bentze, Thomas Patrick** (World Bank, Italy)

*Presentations of the Symposium*

**How Can Large-Scale Surveys Meet Training Data Requirements for Satellite-Based Crop Type Mapping?**

**A Choice Experiment to Assess Dairy Farmers' Preferences for Pesticide Reduction: Does Labour Matter?**

Denantes, Julia<sup>1</sup>, Ridier, Aude<sup>1</sup>, Ropars-Collet, Carole<sup>1</sup>, Carof, Matthier<sup>2</sup>, Jacquot, Anne-Lise<sup>3</sup>

<sup>1</sup>SMART, Institut Agro Rennes-Angers, <sup>2</sup>SAS, Institut Agro Rennes-Angers, <sup>3</sup>0000-0002-1652-1527

**Farmers' Preferences for Carbon Farming Schemes: A Discrete Choice Experiment in Kazakhstan and Hungary**

Vanermen, Iris, De Pauw, Véronique, Vranken, Liesbet

Division of bioeconomics, KU Leuven, Leuven, Belgium

**Farmers' Preferences for Practice- and Result-based Agri-Environmental-Climatic Measures to Conserve Biodiversity**

Zawadzki, Wojciech<sup>1</sup>, Zagórska, Katarzyna<sup>1</sup>, Czajkowski, Mikolaj<sup>1</sup>, Budziński, Wiktor<sup>1</sup>, Le Clec'h, Solen<sup>2</sup>, Markiewicz, Olimpia<sup>1</sup>, Matzdorf, Bettina<sup>3</sup>, Opatrný, Matěj<sup>4</sup>, Rommel, Jens<sup>5</sup>, Sagebiel, Julian<sup>6</sup>, Schulze, Christoph<sup>3</sup>, Ščasný, Milan<sup>7</sup>, van Bussel, Lenny<sup>8</sup>

<sup>1</sup>University of Warsaw, Faculty of Economic Sciences, <sup>2</sup>Environmental Systems Analysis, Wageningen University & Research, <sup>3</sup>Leibniz Centre for Agricultural Landscape Research, <sup>4</sup>Charles University, Institute of Economic Studies Faculty of Social Sciences & Environment Center, <sup>5</sup>Swedish University of Agricultural Sciences, <sup>6</sup>German Centre for Integrative Biodiversity Research, Swedish University of Agricultural Sciences, <sup>7</sup>University of Warsaw, Faculty of Economic Sciences; Charles University, Institute of Economic Studies Faculty of Social Sciences & Environment Center, <sup>8</sup>Environmental Systems Analysis, Wageningen University & Research; PBL Netherlands Environmental Assessment Agency, The Hague, The Netherlands

**A Set Of Plausible Scenarios For European Agri-Food Systems In Transition**

Mitter, Hermine, Fischer, Judith, Karner, Katrin, Martin, Schönhart  
University of Natural Resources and Life Sciences, Vienna

**Towards An Improved Understanding Landscape Configuration And Composition**

Ferro, Marco<sup>1</sup>, Kodama, Wataru<sup>2</sup>, Börner, Jan<sup>1</sup>, Hüttel, Silke<sup>2</sup>

<sup>1</sup>University of Bonn, <sup>2</sup>University of Göttingen

**Policy And Regulation Impact On Landscapes**

Wüpper, David  
ETH Zurich

*Presentations of the Symposium*

**Living lab: approach and experience. The role of the European Network of Living Labs-Enoll**

De Sole, Martina  
European Network of Living Labs-ENoLL

**Living Lab for co-developing a Decision Support System ICT Tool for a more food-sustainable Supply Chain in the LAB4SUPPLY project. The Stakeholder Mapping Methodology**

Kallas, Zein, Menéndez i Molist, Adrià, Guadarrama, Omar  
Center for Agro-Food Economics and Development

**Living Lab for Co-Designing Blockchain-Based Ecosystem for More Sustainable And Competitive Small Beekeepers: Techoney Project**

De magitris, Tiziana<sup>1</sup>, Verneau, Fabio<sup>2</sup>, Amato, Mario<sup>2</sup>

<sup>1</sup>Agri-Food Research And Technology Centre Of Aragon- Cita, <sup>2</sup>Università degli Studi di Napoli Federico II

**Living Lab For Codesigning Innovations For Sustainable Land And Water Management. A Guiding Framework For Mediterranean Countries In Salammed Project**

Scardigno, Alessandra, Labellarte, Lorenzo  
International Centre for Advanced Mediterranean Agronomic Studies-Mediterranean Agronomic Institute of Bari-CIHEAM-IAMB

**Living Labs To Co-Develop Innovation Prototypes For New Business Models, Voluntary Sustainability Standards, And A Digital Platform In Small-Scale Farmers-Based Supply Chain Systems: The Case Of The Med-Links PRIMA Project**

Camanzi, Luca<sup>1</sup>, Prosperi,

**Cross-Country Evidence from Sub-Saharan Africa**

Jain, Shruti  
Atlas AI

**The Impacts of Disasters on Smallholder Agriculture in Sub-Saharan Africa**

Wollburg, Philip  
World Bank, Italy

**How Much Can We Trust Farmers' Self-Reported Data on Crop Varieties? Experimental Evidence Using DNA Fingerprinting of Cassava Varieties in Malawi**

Ilukor, John  
World Bank, Uganda

**Assessing Land Area from Above:**

**Evidence from Armenia**

Bentze, Thomas Patrick  
World Bank, Italy

**Effects and Effect Heterogeneity of Financial Incentives in Dutch Agriculture**

Koetse, Mark<sup>1</sup>, Bouma, Jetske<sup>2</sup>

<sup>1</sup>Institute for Environmental Studies, Vrije Universiteit Amsterdam, Amsterdam, the Netherlands, <sup>2</sup>PBL Netherlands Environmental Assessment Agency, Den Haag, the Netherlands

**OS8.7: Food systems**  
Location: **SALLE 4**

**The Political Economy of Food System Transformation**

Chair(s): Swinnen, Johan (CGIAR & IFPRI)

*Presentations of the Symposium*

**Adopting a Political Economy Lens for Food Systems Transformation**

Swinnen, Johan  
CGIAR & IFPRI

**Facts, Interests, and Values: Identifying Points of Convergence and Divergence for Food Systems**

Deconinck, Koen  
OECD

**The Political Economy of Food System Transformation in the European Union**

Mathews, Alan  
Trinity College

**Impact of Global Value Chains on Tariffs and Non-Tariff Measures in Agriculture and Food**

Olper, Alessandro  
University of Milano

**OS9.7: Agrifood trade**  
Location: **SALLE 20**

**Agri-food Trade, Non-tariff Measures and Certification**

Chair(s): Latouche, Karine (INRAE)

Discussant(s): Laborde, David (FAO)

*Presentations of the Symposium*

**How Do Maximum Residue Levels Impact Firms' Agri-food Exports? Evidence from France**

Disdier, Anne-Celia<sup>1</sup>, Marette, Stephan<sup>2</sup>  
<sup>1</sup>PSE-INRAE, <sup>2</sup>INRAE

**Assessing the Impact of Non-tariff Measures on European Global Value Chain Trade**

Fusacchia, Ilaria<sup>1</sup>, Nenci, Silvia<sup>1</sup>, Salvatici, Luca<sup>1</sup>, Vurchio, Davide<sup>2</sup>

<sup>1</sup>Roma Tre University, <sup>2</sup>University of Bari

**GlobalGAP Certification and Chilean Fruit Exporting**

Abele, Christian  
PSE

**Vip Pass to Markets : What Customs Certification Tells Us about NTMs Restrictiveness**

Emlinger, Charlotte, Guimbard, Houssein  
CEPII

**Paolo**<sup>2</sup>, **Collewet, Laurick**<sup>2</sup>

<sup>1</sup>Alma Mater University of Bologna, <sup>2</sup>CIHEAM-IAMM

**PSTR1.7: Environmental Economics 3**

Location: **SCREEN 1**

Chair: Dr. Jean-Joseph Minviel, INRAE

**What the Market Does Not Price: the Recreational Value of the Apennines Around Parma**

Arata, Linda, Tiboldo, Giulia; Sckokal, Paolo  
Università Cattolica del Sacro Cuore, Italy

**Marginal Abatement Costs of Multiple Pollutants in the Case of the Dutch Dairy Sector Between 2008 and 2020**

Dakpo, K Hervé<sup>1</sup>; Baldoni, Edoardo<sup>2</sup>; Bartolini, Fabio<sup>3</sup>; Coderoni, Silvia<sup>4</sup>; Daatselaar, Co<sup>5</sup>  
<sup>1</sup>: INRAE-PSAE, France; <sup>2</sup>: JRC; <sup>3</sup>: Università degli Studi di Ferrara; <sup>4</sup>: Università Cattolica del Sacro Cuore; <sup>5</sup>: Wageningen University

**Agricultural Ammonia Emissions And Health Externalities: A Simulation-based Approach To Pollution Swapping**

De Clercq, Michaël; Amadou Diallo, Mariam; D'Haese, Marijke; Magnolo, Francesca  
Ghent University, Belgium

**Alternative Farming Practices to Maintain Profitability While Reducing Nitrogen and Greenhouse Gas Emissions**

Khakbazan, Mohammad<sup>1</sup>; Mohr, Ramona<sup>2</sup>; Liu, Kui<sup>3</sup>  
<sup>1</sup>: Agriculture and Agri-Food Canada; <sup>2</sup>: Agriculture and Agri-Food Canada; <sup>3</sup>: Agriculture and Agri-Food Canada

**Agroecological Transition: A Literature**

**PSTR2.7: Farm Management 1**

Location: **SCREEN 2**

Chair: Dr. Konstantinos Chatzimichael, Agricultural University of Athens

**Towards Circular Farming. Factors Affecting Farmers' Decision to Adopt Emission-reducing Innovations in the EU.**

Ornelas Herrera, Selene Ivette<sup>1,2</sup>; Kallas, Zein<sup>1,2,3</sup>; Serebrennikov, Dmytro<sup>4</sup>; Thorne, Fiona<sup>4</sup>; McCarthy, Sinéad<sup>4</sup>

<sup>1</sup>: Center for Research in Agrofood Economy and Development (CREDA); <sup>2</sup>: Polytechnic University of Catalonia (UPC); <sup>3</sup>: Institute of Agrifood Research and Technology (IRTA); <sup>4</sup>: Teagasc Food Research Center

**Profitability Of Insect Production For T. Molitor Farms In The Netherlands**

Niyonsaba, H.H.<sup>1</sup>; Groeneveld, I.L.<sup>2</sup>; Höhler, J.<sup>1</sup>; Vermeij, I.<sup>2</sup>; van der Fels-Klerx, H.J.<sup>1</sup>; Meuwissen, M.P.M.<sup>1</sup>

<sup>1</sup>: Business Economics Group, Wageningen University, Hollandseweg 1, 6706 KN Wageningen, The Netherlands.; <sup>2</sup>: Wageningen Livestock Research, De Elst 1, 6708 WD Wageningen, The Netherlands.

**Motives for Operating Dairy Farms in Poland**

Klepcka, Anna Maria  
Warsaw University of Life Sciences, Institute of Economics and Finance, Poland

**Business Model Change In**

### **Review of Barriers and Drivers**

**Sánchez-Mata, Laura;**  
**Salazar-Ordóñez, Melania;**  
**Berbel, Julio; Rodríguez-**  
**Entrena, Macario**  
Universidad de Córdoba,  
Spain

### **Designing Efficient And Socially Acceptable Light Pollution Reduction Policies - A Spatial Analysis Of Willingness To Accept Changes In Public Lighting**

**Beaudet, Chloé<sup>1</sup>;** **Tardieu, Léa<sup>2</sup>;** **David, Maia<sup>1</sup>;**  
**Crastes dit Sourd, Romain<sup>3</sup>**

1: PSAE, AgroParisTech; 2: TETIS, INRAE; 3: Choice Modelling Center, University of Leeds

### **Complementarity and Trade-offs Between Ecosystem Services in Multispecies Livestock Farming Systems: An Entropy Econometric Approach Using Dual Cost Functions**

**Minviel, Jean-Joseph**  
INRAE, France

### **Agriculture – A Case Study Of Alternative Feeding In The Flemish Pig Sector**

**Bourgeois, Liselot<sup>1,2</sup>;**  
**Cloet, Thibault<sup>1</sup>;**  
**Marchand, Fleur<sup>1,2</sup>;**  
**Millet, Sam<sup>1</sup>;** **Van Meensel, Jef<sup>1</sup>;** **Van Passel, Steven<sup>2,3</sup>**

1: Instituut voor Landbouw-, Visserij- en Voedingsonderzoek, Vlaamse Overheid; Merelbeke, BE; 2: University of Antwerp: Antwerp, BE; 3: Flanders Make (Belgium): Antwerp, BE

### **Do Pesticides And Fertilizers Impact Yield and Farm Revenue Variability? Insights Into Relevant Variables In The Case Of Maize Crops In Italy**

**Dang, Thi Thanh Thuong;** **Arata, Linda;**  
**Sckokai, Paolo**  
Department of Agricultural and Food Economics, Università Cattolica del Sacro Cuore, Italy

### **Fertilizer Overuse in China – Estimated Size and Determinants**

**Tang, Liang<sup>1</sup>;** **Peerlings, Jack<sup>1</sup>;** **Heerink, Nico<sup>1</sup>;**  
**Ma, Xianlei<sup>2</sup>**

1: Wageningen University and Research, Netherlands, The; 2: College of Public Administration, Nanjing Agricultural University, China

### **Are Rural Households Poorer Than Non-Rural Households In Europe?**

**Meloni, Cesare<sup>1</sup>;** **Grazini, Chiara<sup>1</sup>;**  
**Marino, Maria<sup>2</sup>;** **Rocchi, Benedetto<sup>3</sup>;** **Severini, Simone<sup>1</sup>**

1: Department of Agricultural Economics at the University of Tuscia, Viterbo, Italy; 2: Department of Econometrics, Statistics and Applied Economics at the University of Barcelona, Spain.; 3: Department of Economics at the University of Firenze, Firenze, Italy

### **How to Overcome**

**Barriers to Entry to Agriculture: Views of Agricultural Students and Young Farmers**

**Forsman-Hugg, Sari; Kujala, Päivi; Lemmetti, Elli**

Pellervon Economic Research PTT

**Farmer's Choice on Distribution Channels and Profitability Effects: Empirical Evidence From Spanish Tomato Producers**

**Chatzimichael, Konstantinos; Drichoutis, Andreas; Vassilopoulos, Achilles**

Agricultural University of Athens, Greece

**PSTR3.7: Local Agriculture**

Location: **SCREEN 3**

Chair: **Prof. Štefan Bojnec**, University of Primorska

**Institutional Barriers and Support Mechanisms for Agritourism in Ukraine**

**Ohorodnyk, Vira; Finger, Robert**

ETH Zurich, Switzerland

**Supporting The Small Market Gardening Sector In France: Comparison Of CAP Policy Options**

**Lécole, Pauline<sup>1</sup>; Préget, Raphaële<sup>2</sup>; Thoyer, Sophie<sup>2</sup>**

1: Institut Agro, CEE-M, Univ. Montpellier, CNRS, INRAE; 2: INRAE, CEE-M, Univ. Montpellier, CNRS, Institut Agro

**How Resilient Are Farmers' Markets? A Stakeholders Network Analysis Of The City Of Bologna**

**Monticone, Francesca<sup>1</sup>; Rossi, Giulia<sup>1</sup>; Specht, Kathrin<sup>2</sup>; Wissmann, Anna<sup>2</sup>; Schroeter, Barbara<sup>3</sup>; Bertazzoli, Aldo<sup>1</sup>; Samoggia, Antonella<sup>1</sup>**

1: Department of Agricultural and Food Sciences, University of Bologna; 2: ILS Research; 3: ZALF

**Do Underutilized Crops Leave Money On The Table? Evidence From A Systematic Literature Review On Underutilized Crops In**

**PSTR4.7: Food Policy**

Location: **SCREEN 4**

Chair: **Dr. Nobuhiro Ito**, Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries

**Assessment of Consumer Preferences in the Context of Multiple Labels: the Case of FAPs.**

**Dewals, Jean-François<sup>1</sup>; Lucas, Sterenn<sup>2</sup>; Daures, Fabienne<sup>3</sup>; Le Floc'h, Pascal<sup>1</sup>**

1: Western Brittany University, France; 2: Institut Agro, Rennes, France; 3: IFREMER, Brest, France

**Impact of a Tax on Unhealthy Beverages and Foods on Undernourishment: The Example of Mexico, Mauritius, and Kiribati**

**Tappendorf, Sandra**  
Martin Luther University Halle-Wittenberg, Germany

**Modelling Consumer Choices and Food Processing**

**Thom, Ferike<sup>1,2</sup>; Gocht, Alexander<sup>1</sup>; Grethe, Harald<sup>2</sup>**

1: Thünen-Institute, Germany; 2: Humboldt-Universität zu Berlin

**Exploring Consumers' Perceived Food Environments: A Mixed-Methods Approach**

**Vespa, Francesca; Mathijs, Erik**

Department of Earth and Environmental Sciences,

**PSTR5.7: Development Economics 2**

Location: **SCREEN 5**

Chair: **Simone Piras**, The James Hutton Institute

**Oil Palm Boom: Its Socioeconomic Use and Abuse**

**Sibhatu, Kibrom T.**  
University of Goettingen, Germany

**Network Analysis of Diffusion in Improved Seed Varieties Among Smallholder Farmers of Bhutan Using Positional Model**

**Tshotsho, Tshotsho; Feuerbacher, Arndt; Lippert, Christian**  
University of Hohenheim, Germany

**Food Markets And Nutrition Along Malawi's Rural-Urban Gradient**

**Hülßen, Vivien<sup>1</sup>; Khonje, Makaiko<sup>2</sup>; Qaim, Matin<sup>3</sup>**  
1: University of Göttingen, Germany; 2: CABI International, Kenya; 3: University of Bonn, Germany

**Assessing the potential of Namibia Home Grown School Feeding Program: can subsistence farming production satisfy the food demand of school children?**

**Jeong, Jihye<sup>1</sup>; Schneider, Uwe Andreas<sup>1</sup>; Jantke, Kerstin<sup>1</sup>; Uchezuba, David<sup>2</sup>**

1: University Hamburg, Germany; 2: Namibia

**PSTR6.7: COVID-19**

Location: **SCREEN 6**

Chair: **Dr. Tomoaki Murakami**, Policy Research Institute

**An Resilience Analysis Of The Contraction Of The Accommodation And Food Service On The Scottish Food Industry**

**Revoredo-Giha, Cesar<sup>2</sup>; Dogbe, Wisdom<sup>1</sup>**

1: University of Aberdeen, Aberdeen, United Kingdom; 2: Scotland's Rural College, Edinburgh, United Kingdom

**Consumer Demand for Potatoes in Scotland During Covid-19 Pandemic**

**Leslie, Max<sup>1</sup>; Revoredo-Giha, Cesar<sup>2</sup>**

1: University of Edinburgh, United Kingdom; 2: SRUC, United Kingdom

**Mobile Phone Ownership and Business**

**Performance of Retailers in the Silverfish Value Chain During COVID 19 in Kenya**

**Donkor, Emmanuel; Olumeh, Dennis Etemesi; Mithöfer, Dagmar**

Humboldt-Universität zu Berlin, Germany, Albrecht Daniel Thaer-Institute of Agricultural and Horticultural Sciences, Agrifood Chain Management Group



## Europe

**Brénaud, Marie-Fleur; Meuwissen, Miranda; de Mey, Yann**

Business Economics Group, Wageningen University & Research, the Netherlands

### How Perception of Success Changes Between Family and Solo Farmers: A Perspective from Strategic Resources and Entrepreneurial Orientation

**Yigit, Furkan; Rantamäki-Lahtinen, Leena; Sipiläinen, Timo**

University of Helsinki, Faculty of Agriculture and Forestry, Finland

### Effect of Community-based Payment on Inequality of Government Payments

**Nitta, Atomu**

Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries, Japan

### Which Interests Drive Consumers' Preference for Community-Supported Agriculture: A Choice Experiment with Members and Non-members in Japan

**Sato, Takeshi<sup>1</sup>; Toriyama, Daichi<sup>2</sup>; Suzuki, Nobuhiro<sup>1</sup>**

1: The University of Tokyo, Japan; 2: Central Union of Agricultural Cooperatives, Japan

### Some Methods To Analyze Expected Effects At Farm Level Of The Dutch National Program Rural Areas

**Daatselaar, Co; Jongeneel, Roel**

Wageningen Economic Research, Netherlands, The

### Private and Public Benefit: Information Treatments on Willingness to Pay for Organic and Local Food

**Huang, Chiu-Lin<sup>1</sup>; Jaenicke, Edward<sup>1</sup>; Vecchi, Martina<sup>1</sup>; Liao, Shu-Yi<sup>2</sup>; Liu, Wan-Yu<sup>2</sup>; Sheu, Sheng-Jang<sup>3</sup>**

1: The Pennsylvania State University, USA; 2: National Chung Hsing University, TW; 3: National University of Kaohsiung, TW

## Rural Development

Division of Bioeconomics, KU Leuven, Leuven, Belgium

### How To Increase Rice Consumption In The Face Of Increasing Food Externalization In Japan? -The Role Of Rice Products That Externalize The Cooking Process-

**Kusano, Kimiko<sup>1</sup>; Oura, Yuji<sup>1</sup>; Tamaki, Shiho<sup>2</sup>**

1: Tokyo University of Agriculture; 2: Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries

### Analysing Consumers' Interactions With Food Packaging To Reduce Waste And Promote Sustainable Food Choices: a Life Cycle Assessment Study

**Giacomella, Lorenzo; Vranken, Liesbet; Mathijs, Erik**

KU Leuven, Belgium

### Is Demand Price Elasticity Geographically Different?: Effects Of Retailer Competitive Environment And Search Behaviour On Staple Food Purchases

**Ito, Nobuhiro; Murakami, Tomoaki**

Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries, Japan

### Strong and weak Geographical Indications: Who gets the highest cheese prices?

**Irek, Judith**

Agroscope, Switzerland

### Volatility and Long-run Dynamics of Major Vegetable Oil Prices

**Declerck, Francis<sup>1</sup>; Hikouatcha, Prince<sup>2</sup>; Tchoffo, Guillaume<sup>2</sup>; Tédongap, Roméo<sup>1</sup>**

1: ESSEC Business School, France; 2: University of Dschang, Cameroon

University of Science and Technology, Namibia

### Smallholders' food security between farming and migration. Evidence from five Northern and Eastern African countries

**Piras, Simone<sup>1</sup>; Mulazzani, Luca<sup>2</sup>; Barlagne, Carla<sup>3</sup>; Nchimbi-Msolla, Susan<sup>4</sup>;**

**Mwanri, Akwilina<sup>4</sup>; Kapour, Gurneet<sup>1</sup>; Ddungu, Richard<sup>5</sup>; Ogenrwoth, Brian<sup>5</sup>; Hanafi, Anissa<sup>6</sup>; Chimoita, Evans L.<sup>7</sup>; Setti, Marco<sup>2</sup>**

1: The James Hutton Institute, United Kingdom; 2: Alma mater Studiorum - University of Bologna, Italy; 3: National Institute for Agriculture, Food, and Environment (INRAE), France; 4: Sokoine University of Agriculture (SUA), Tanzania; 5: Makerere University, Uganda; 6: Institut National Agronomique de Tunisie (INAT), Tunisia; 7: University of Nairobi, Kenya

### Covid-19 Pandemic and Food Waste: An Empirical Analysis

**Di Marcantonio, Federica<sup>1</sup>; Twum, Edward Kyei<sup>2</sup>; Russo, Carlo<sup>2</sup>**

1: Joint Research Centre, European Commission; 2: University of Cassino and Southern Lazio

### The Impact of COVID19 and of Russia-Ukraine War on Consumer Risk Perception and Risk Attitude Towards Food – a Case of Developing and Developed Countries

**Miftari, Iliriana<sup>1</sup>; Imami, Drini<sup>2</sup>; Meixner, Oliver<sup>3</sup>; Haas, Rainer<sup>4</sup>**

1: University of Prishtina, Kosovo; 2: Agricultural University of Tirana; 3: University of Natural Resources and Life Sciences; 4: University of Natural Resources and Life Sciences

### Coping During The Covid-19 Outbreak: Evidence From Xiengkhouang Province in the Lao Pdr

**Xiong, Maiyer<sup>1</sup>; Moustier, Paule<sup>2</sup>;**

**Vagneron, Isabelle<sup>2</sup>; Gueneau, Stephane<sup>2</sup>**

1: Institut Agro, Montpellier, France; 2: Cirad UMR MoISA - Montpellier, France

### New Product Development Activity in The Food Sector During The COVID-19 Period in the UK

**Revoredo-Giha, Cesar<sup>1</sup>; Costa Font,**

**Montserrat<sup>1</sup>; Russo, Carlo<sup>2</sup>**

1: SRUC, United Kingdom; 2: University of Cassino and Southern Lazio

### Danger Past, and God Forgotten? Shift of Food Values During the COVID-19 Pandemic in Japan

**Murakami, Tomoaki; Ito, Nobuhiro; Maruyama, Yuki**

Policy Research Institute, Japan

**And Rural Rejuvenation – Myth Or Reality?**

**Mujcinovic, Alen<sup>1</sup>; Bojnec, Štefan<sup>2</sup>**

1: University of Sarajevo, Faculty of Agriculture and Food Sciences, Sarajevo, Bosnia and Herzegovina; 2: University of Primorska, Faculty of Management, Kopar, Slovenia

10:30am - 11:00am  
**BR5: Coffee break**

11:00am - 12:30pm  
**PL4: Uncertainty and Risk – Theory and Methods**

Location: **GRAND AUDITORIUM**

Chair: **Prof. Dominika Milczarek-Andrzejewska**, University of Warsaw

**Measuring and Managing Risk and Resilience in Food Supply Chains**

**Meuwissen, Miranda**

Wageningen University, The Netherlands

**Probabilistic Programming for Embedding Theory and Quantifying Uncertainty in Data-driven Approaches**

**Heckelei, Thomas**

University of Bonn, Germany

12:30pm - 1:45pm  
**L3: Lunch**

1:45pm - 3:15pm  
**CPS1.8: Environmental Sustainability 5**

Location: **SALLE 2**

Chair: **Dr. Sarah Baum**, Thuenen Institute

**Adoption of Environmental Contracts and Farms' Productivity: An Insight Through the Adoption of Agri-Environmental Schemes (AES) and Organic Certification**

**Lassalas, Marie<sup>1</sup>; Plastina, Alejandro<sup>2</sup>; Lence, Sergio H.<sup>2</sup>**

1: SMART, Institut Agro, INRAE, Rennes, France; 2: Department of Economics, Iowa State University, Ames, Iowa, USA

**The Impact Of Direct Payments On Grassland Loss: Evidence From Swiss Alpine Farming**

**Meyer, Maximilian<sup>1</sup>; Schaub, Sergei<sup>1</sup>; Bonev, Petyo<sup>1,2</sup>**

1: Agroscope, Switzerland; 2: University of St. Gallen, Switzerland

**Factors Influencing Landowners in Choosing Agri-Environmental Schemes**

**Olsen, Jakob Vesterlund<sup>1</sup>; Lundhede, Thomas<sup>1</sup>; Zemo, Kahsay Haile<sup>1</sup>; Thorsøe, Martin**

**CPS10.8: Food Security & Food Prices**

Location: **SALLE 20**

Chair: **Christophe Gouel**, INRAE

**Has Food Security in the EU Countries Worsened During the COVID-19 Pandemic? Analysis of Physical and Economic Access to Food**

**Hamulczuk, Mariusz<sup>2</sup>; Malak-Rawlikowska, Agata<sup>2</sup>; Pawlak, Karolina<sup>1</sup>; Skrzypczyk, Marta<sup>2</sup>**

1: Poznan University of Life Sciences, Poland; 2: Warsaw University of Life Sciences

**Long-term Dynamics Of Food Prices In The OECD – Clusters And Predictors With Machine Learning**

**Höschle, Lisa; Yu, Xiaohua**  
University of Göttingen, Germany

**The Role of Storage in Commodity Markets: Indirect Inference Based on Grains Data**

**Gouel, Christophe; Legrand, Nicolas**  
INRAE, France

**Demand Curvature And Pass-Through: A Panel Model With Endogenous Thresholds For**

**CPS11.8: (Big) Data & Machine-learning**

Location: **SALLE 12**

Chair: **Dr. Frank Offermann**, Thuenen Institute

**Spatial Disaggregation Of Crop Production Data – Accounting For Multiple Sources Of Uncertainty**

**Baumert, Josef; Heckelei, Thomas; Storm, Hugo**  
University of Bonn, Germany

**Everything Under Control. An Empirical Comparison Of Machine Learning And Traditional Econometric Impact Assessment Methods**

**Brignoli, Paolo Libenzio<sup>1</sup>; Gardebroek, Cornelis<sup>1</sup>; de Mey, Yann<sup>2</sup>**

1: Agricultural Economics and Rural Policy group, Wageningen University & Research, The Netherlands; 2: Business Economics Group, Wageningen University & Research, The Netherlands

**More Data, More Climate-Smart Practices? Exploring Data Sharing Governance Models Through an Agent-based Model for the Agricultural Sector**

**Farahbakhsh, Siavash<sup>1</sup>; Haentjens, Wim<sup>2</sup>; Van**

**CPS12.8: Footprint & Food Labels**

Location: **SALLE 21**

Chair: **Prof. David Leonardo Ortega**, Michigan State University

**Combining Stated and Revealed Preferences for valuing attributes associated with organic Chicken Meat**

**Ribeiro, Eduardo<sup>1</sup>; Gschwandtner, Adelina<sup>1</sup>; Burton, Michael<sup>2</sup>; Revoredo, Cesar<sup>3</sup>**

1: Scotland's Rural College; 2: University of Western Australia; 3: Scotland's Rural College

**Nudging Attention to Carbon Footprints in Food Choices with Information Overload**

**Lemken, Dominic<sup>1</sup>; Asioli, Daniele<sup>2</sup>; Schoppa, Frederick<sup>3</sup>**

1: Institute for Food and Resource Economics, University of Bonn, Germany; 2: Department of Agri-Food Economics and Marketing, School of Agriculture Policy and Development, University of Reading, Reading, United Kingdom.; 3: Department of Agricultural Economics and Rural Development, University of Göttingen, Germany

Hvarregaard<sup>2</sup>; Greve, Mette Balslev<sup>2</sup>; Pedersen, Michael Friis<sup>1</sup>  
1: University of Copenhagen, Denmark; 2: Aarhus University, Denmark

**Farm Income and Food Supply Impacts of Increased Natural Pest Control Potentials in the Agricultural Landscape: the Case of the German State Brandenburg**

Sponagel, Christian<sup>1</sup>; Klinnert, Ana<sup>2</sup>; Catarino, Rui<sup>3</sup>; Beber, Caetano Luiz<sup>2</sup>; Baldoni, Edoardo<sup>2</sup>; Barbosa, Ana-Luisa<sup>2</sup>; Witte, Felix<sup>1</sup>; Bahrs, Enno<sup>1</sup>; Fellmann, Thomas<sup>2</sup>  
1: University of Hohenheim, Germany, Germany; 2: European Commission, Joint Research Centre, Seville, Spain; 3: European Commission, Joint Research Centre, Ispra, Italy

**Impact of Farm Structure on the Implementation of Greening in Germany: Ecological Focus Areas and Crop Diversification**

Baum, Sarah; Röder, Norbert; Wegmann, Johannes  
Thuenen Institute, Germany

**CPS14.8: Land Use**  
Location: **SALLE 18**  
Chair: **Klaus Salhofer**,  
University of Natural Resources and Life Sciences

**Cattle, Land Use And Greenhouse Gas Mitigation: An Analysis Of Second-Best Policies.**

Gérard, Maxence; De Cara, Stéphane; Meunier, Guy  
Université Paris-Saclay, INRAE, AgroParisTech, Paris-Saclay Applied Economics, 91120, Palaiseau, France

**The Influence Of Farm Ownership Structures On Land Use**

Jänicke, Clemens<sup>1,2,3</sup>; Mai, Natalja<sup>1</sup>; Müller, Daniel<sup>1,2,3</sup>  
1: Leibniz Institute of Agricultural Development in Transitions Economies (IAMO), 06120 Halle (Saale), Germany; 2: Geography Department, Humboldt-Universität zu

**Drinking Milk In German Retail**  
Bittmann, Thomas<sup>1</sup>; Bronnmann, Julia<sup>2</sup>  
1: CAU Kiel, Germany; 2: SDU, Denmark

**Meensel, Jef**<sup>1</sup>; **Maes, Eva**<sup>1</sup>; **Vangeyte, Jurgen**<sup>1</sup>  
1: Flanders Research Institute for Agriculture, Fisheries and Food, Belgium; 2: Directorate General Research and Innovation, European Commission

**The Spatial Distribution of Trading Companies and their Effect on the Acreage of Protein Crops in Germany**  
Mittag, Franziska; Hess, Sebastian  
Universität Hohenheim, Germany

**A Machine-learning Assisted Study of the Implications of the Identity Problem on Farm Sample Characteristics**  
Offermann, Frank  
Thuenen Institute, Germany

**Households' Food Carbon Footprint.**  
Berland, Ondine  
INRAE, France

**The Effectiveness of Misinformation Corrective Strategies and Implications for Consumers' Food Preferences and Policy Attitudes**  
Lin, Lin; Ortega, David Leonardo; Sun, Jiayu  
Michigan State University, United States of America

**CPS2.8: Citizen Perceptions**  
Location: **SALLE 3**  
Chair: **Dr. Shuoli Zhao**,  
University of Kentucky

**How Swiss Citizens Perceive the Multifunctional Role of Agriculture – Culture Likely Matters**

El Benni, Nadja<sup>1</sup>; Irek, Judith<sup>1</sup>; Finger, Robert<sup>2</sup>; Mack, Gabriele<sup>1</sup>; Ammann, Jeanine<sup>1</sup>  
1: Agroscope, Switzerland; 2: ETH Zurich, Switzerland

**The Preferences of Farmers and Non-farming Citizens for Farm Catastrophic Risk Management Policy Alternatives**

Valtiala, Juho; Niskanen, Olli; Pouta, Eija; Tienhaara, Annika  
Natural Resources Institute Finland (Luke), Finland

**Citizen Science Fortifying Fundamental**

**CPS3.8: Development Economics**  
Location: **SALLE 4**  
Chair: **Dr. Linda Steinhübel-Rasheed**, International Food Policy Research Institute (IFPRI)

**Is Being Member of a Network Sufficient to Implement Agroecological Practices? The Key Role of Farmers' Perceptions in the French West Indies**

Luis, Camille<sup>1</sup>; Aubert, Magali<sup>2</sup>; Parrot, Laurent<sup>3</sup>  
1: CIRAD UPR Hortsys, F-97285 Le Lamentin, Martinique ; UMI SOURCE, EDEM Univ Paris Saclay, France; 2: MoISA, Univ Montpellier, CIRAD, CIHEAM-IAMM, INRAE, Institut Agro, Montpellier, France.; 3: CIRAD UPR Hortsys, F-97285 Le Lamentin, Martinique, France ; Univ Montpellier, France.

**Assessing Voucher-Based Input Subsidy**

**CPS4.8: Chemical Inputs 3**  
Location: **SALLE 5**  
Chair: **Prof. Edward Darwin Perry**, Kansas State University

**Do Farmers Participating in Short Food Supply Chains Use Less Pesticides? Evidence from France**

Chiaverina, Pierre; Drogué, Sophie; Jacquet, Florence  
UMR MoISA, INRAE, Montpellier, France

**Adaptation To Climate Change Through Pesticide Application: Evidence From Detailed Pesticide Purchase Data In France**

Bareille, François; Chakir, Raja; Keles, Derya  
INRAE, France

Berlin, Unter den Linden 6, 10099 Berlin, Germany; 3: Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt Universität zu Berlin, Unter den Linden 6, 10099 Berlin, Germany

### Putting a “Price Tag” on Property Rights: Institutional Quality and the Success of Land Reforms in Ukraine

Kvartiuk, Vasyli; Herzfeld, Thomas  
Leibniz-Institute of Agricultural Development in Transition Economies (IAMO), Germany

### What Drives Agricultural Land Use Change in Eurasia?

Kunze, Sven; Bokusheva, Raushan; Laiko, Olga  
Zurich University of Applied Sciences, Switzerland

### The Long-Term Impact of Partible Inheritance on Farmland Fragmentation

Gatterer, Markus; Leonhardt, Heidi; Morawetz, Ulrich; Salhofer, Klaus  
University of Natural Resources and Life Sciences Vienna, Austria

**CPS5.8: Farm Cooperation**  
Location: **SALLE 6**  
Chair: **Prof. Fabio A. Madau**, University of Sassari

### Good Co-ops, Bad Co-ops : Financing Cooperatives under Asymmetric Information

Cadot, Julien; Féral, Arnaud  
ISG International Business School, France

### What Affects Smallholder Farmers' Willingness to Cooperate? Evidence from Public Good Games with Different Design Elements in Five African Countries

### And Applied Research For Sustainable Soybean Cultivation In North-Western Europe

Vanden Berghen, Birgit<sup>1</sup>; Vlaminck, Lena<sup>2,3</sup>; Mertens, Stien<sup>2,3</sup>; Wuyts, Jurgen<sup>4</sup>; Maere, Steven<sup>2,3</sup>; Goormachtig, Sofie<sup>2,3</sup>; Vranken, Liesbet<sup>1</sup>

1: Division of Bio-economics, KU Leuven, Belgium; 2: Department of Plant Biotechnology and Bioinformatics, Ghent University, Belgium; 3: Center for Plant Systems Biology, VIB, 9052 Ghent, Belgium; 4: VIB, Rijvisschestraat 120, 9052 Ghent, Belgium

### Comparing Citizens' And Farmers' Preferences For Future Agricultural Policy: Funding Agriculture Via Taxes Or Markets

Tienhaara, Annika; Pouta, Eija; Niemi, Jyrki; Ahtiainen, Heini  
Natural Resources Institute Finland (Luke), Finland

### Do Consumers Support Beginning and Female Farmers?

Zhao, Shuoli<sup>1</sup>; Segovia, Michelle<sup>2</sup>; Palma, Marco<sup>3</sup>; Nayga, Rodolfo<sup>3</sup>; Rainey, Ronald<sup>4</sup>

1: University of Kentucky, United States of America; 2: University of Missouri, Columbia; 3: Texas A&M University; 4: University of Arkansas

**CPS6.8: Sustainability & Environmental Costs**  
Location: **SALLE 13**  
Chair: **Carlos Alberto Francisco Cruz**, University College Dublin

### Marginal Abatement Costs of Greenhouse Gas Emissions and Nitrogen Surplus in Dutch Dairy Farms

Wang, Scarlett; Ang, Frederic; Hoehler, Julia; Oude Lansink, Alfons  
Wageningen University & Research

### Combining Life-Cycle Assessment and Linear Programming to Optimize Social Fertilizer Costs

De Keyser, Erika<sup>1</sup>;

### Programs In Sub-Saharan Africa Agriculture: Developing An Integrated Framework Informed By Smart Subsidy Approach

Hussen, Shambachew O.<sup>1,2</sup>; de Mey, Yann<sup>1</sup>; Lensink, Robert<sup>3</sup>; Meuwissen, Miranda P.M.<sup>1</sup>

1: Business Economics Group, Wageningen University & Research, Wageningen, the Netherlands; 2: School of Commerce, College of Business and Economics, Addis Ababa University, Ethiopia; 3: Department of Economics, Econometrics, and Finance, Faculty of Economics and Business, University of Groningen, the Netherlands

### The Diffusion Of Genetic Resources And Yield Gaps In The Developing World

Tyack, Nicholas Brown  
University of Saskatchewan, Canada

### Pest Risk Information, Agricultural Outcomes and Food Security: Evidence from Ghana

Tambo, Justice  
CABI, Switzerland

### Urban Proximity, Conflict, And Agricultural Development: Smallholder Paddy Production In Myanmar

Steinhübel, Linda<sup>1,2</sup>; Minten, Bart<sup>1</sup>

1: International Food Policy Research Institute (IFPRI); 2: University of Göttingen

**CPS7.8: Technology Adoption 2**  
Location: **SALLE 14**  
Chair: **Prof. GianCarlo Moschini**, Iowa State University

### How To Exploit The Full Potential Of Selective Weeding Robots To Benefit Biodiversity?

Massfeller, Anna<sup>1</sup>; Zingsheim, Marie<sup>2</sup>; Roß, Christel<sup>3</sup>; Storm, Hugo<sup>1</sup>  
1: Institute for Food and Resource Economics, Bonn University, Germany; 2: Institute of Crop Science and Resource Conservation, Bonn University, Germany; 3: Institute for Sugar Beet Research, Germany

### Switching Costs in the US Seed Industry:

### Impacts Of Low Pesticides Practices On Farmers' Crop Production Decision: Estimation Based On Observed French Data

Fadhuile, Adélaïde<sup>1</sup>; Femenia, Fabienne<sup>2</sup>; Elodie, Letort<sup>2</sup>  
1: UMR GAEL, Université Grenoble Alpes, France; 2: UMR SMART, INRAE, France

### Genetically Engineered Varieties and Applied Pesticide Toxicity in U.S. Maize and Soybeans: Heterogeneous and Evolving Impacts

Lee, Seungki<sup>1</sup>; Moschini, GianCarlo<sup>2</sup>; Perry, Edward<sup>3</sup>  
1: Ohio State University, United States of America; 2: Iowa State University, United States of America; 3: Kansas State University, United States of America

**CPS8.8: Supply Chains**  
Location: **HORIZONS**  
Chair: **Dr. Stefanello Stranieri**, Università degli Studi di Milano

### Weather Shock and Supply Chains

Lin, Han<sup>1</sup>; Lloyd, Tim<sup>2</sup>; McCorriston, Steve<sup>1</sup>  
1: University of Exeter, United Kingdom; 2: University of Bournemouth, United Kingdom

### Extreme Weather Events and Agricultural Total Factor Productivity Growth

Zhang, Wei  
Virginia Tech, United States of America

**Piras, Simone<sup>1</sup>**; Kuhfuss, Laure<sup>1</sup>; Bacigalupo, Alessia<sup>1</sup>; Massawe, Boniface<sup>2</sup>; Mishili, Fulgence J.<sup>2</sup>; Chimoita, Evans L.<sup>3</sup>; Nakyewa, Pauline<sup>4</sup>; Setti, Marco<sup>5</sup>  
1: The James Hutton Institute, United Kingdom; 2: Sokoine University of Agriculture (SAU), Tanzania; 3: University of Nairobi, Kenya; 4: National Agricultural Research Organisation (NARO), Uganda; 5: University of Bologna, Italy

### **An Assessment of the Organizational Effectiveness of Farmer-owned Businesses: Cases from Turkey and Greece**

**Bhuyan, Sanjib<sup>1</sup>**; Karantininis, Kostas<sup>2</sup>; **Kinikli, Filiz<sup>2,3</sup>**  
1: Rutgers University, New Brunswick, NJ, USA; 2: Swedish University of Agricultural Sciences (SLU), Sweden; 3: Ege University, Department of Agricultural Economics, Turkey

### **Cooperation in the Horticultural Supply Chain: a 5-days Field Experiment**

**Noet, Ngoc-Thao; Blondel, Serge; Lefebvre, Marianne**  
GRANEM, University of Angers, France

### **Productivity And Efficiency In The Dairy Sheep Industry: A Comparison Analysis Between Italian Cooperatives And Private Firms**

**Arru, Brunella; Roberto, Furesi; Pietro, Pulina; Madau, Fabio A.**  
University of Sassari, Italy

**Jasiński, Dominik<sup>2,3</sup>**; **Mathijs, Erik<sup>1</sup>**; **Vranken, Liesbet<sup>1</sup>**  
1: KU Leuven, Belgium; 2: Particula Group Ltd, Rijeka, Croatia; 3: PLM Sustainability Consulting, Mielno, Poland

### **Farmers' Sustainability Excellence in Light of a Self-Assessment: Results from a Mixed Methods Study in Germany**

**Hellstern, Laura; Gebhardt, Beate; Hess, Sebastian**  
University of Hohenheim, Germany

### **Embeddedness, Sustainable Practices and Economic Performance in Farm Succession: The Case of Small-Scale Farming in Eastern Europe**

**Czyżewski, Bazyli<sup>1</sup>**; **Kryszak, Łukasz<sup>1</sup>**; **Bajrami, Egzon<sup>2</sup>**; **Lucasenco, Eugenia<sup>3</sup>**; **Muntean, Andreea<sup>4</sup>**; **Tosović-Stevanović, Aleksandra<sup>5</sup>**  
1: Poznan University of Economics and Business, Poland; 2: Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Germany; 3: National Institute for Economic Research, Republic of Moldova; 4: Decembrie 1918' University of Alba Iulia, Alba Iulia, Romania; 5: Institute of International Politics and Economics, Belgrade, Serbia

### **Estimation of Nitrous Oxide Emissions from Agricultural Soil Management at Higher Resolution and Implications for Defining the Cost of Carbon at Farm Level**

**Francisco-Cruz, Carlos Alberto<sup>1,2</sup>**; **Buckley, Cathal<sup>2</sup>**; **Breen, James<sup>1</sup>**; **Lanigan, Gary<sup>2</sup>**  
1: University College Dublin, Ireland; 2: Teagasc Rural Economy and Development Programme

### **Technology Adoption and Welfare Impacts**

**Luo, Jinjing<sup>1</sup>**; **Moschini, GianCarlo<sup>2</sup>**; **Perry, Edward<sup>3</sup>**  
1: Citibank; 2: Kansas State University, United States of America; 3: Iowa State University, United States of America

### **Blockchain Adoption and Organization of Agri-food Supply Chains: a Governance, Resource and Capabilities Investigation**

**Casati, Mirta<sup>1</sup>**; **Stranieri, Stefanella<sup>2</sup>**; **Soregaroli, Claudio<sup>1</sup>**  
1: Department of Agricultural and Food Economics, Università Cattolica del Sacro Cuore, Piacenza, Italy; 2: Department of Environmental Science and Policy, Università degli Studi di Milano, Milano, Italy

### **Quality Upgrading And Position In Global Value Chain: Firm-level Evidence From The French Agri-food Industry**

**Agbekponou, Kossi Messanh;** **Cheptea, Angela;** **Latouche, Karine**  
INRAE, France

### **Sustainability Strategies in the Cocoa-Chocolate Value Chain: An Empirical Analysis of the Determinants at Global Level**

**Marschner, Stella; Orsi, Luigi; Olper, Alessandro; Stranieri, Stefanella**  
Università degli Studi di Milano, Italy

**CPS9.8: Trade - Environment**  
Location: **SALLE 19**  
Chair: **Dr. Kjersti Nes**, European Commission

**Regulatory Integration and Transregional Corporations' New Investments**

**Zhu, Mengshuai<sup>1,2</sup>; Cingiz, Kutay<sup>2</sup>; Liu, Jifang<sup>1</sup>; Wesseler, Justus<sup>2</sup>**

1: Agriculture Information Institute, Chinese Academy of Agriculture Sciences; 2: Wageningen University, The Netherlands

**The Relationship Between Trade and Deforestation: the Case of the Brazilian Soy Exports to EU and China**

**Oliveira, Gustavo Magalhaes de<sup>1,2</sup>; Jafari, Yaghoob<sup>2</sup>; Börner, Jan<sup>1,2</sup>**

1: Center for Development Research (ZEF), University of Bonn, Germany; 2: Institute for Food and Resource Economics (ILR), University of Bonn, Germany

**Adaptation To Climate Change Through Market Integration: Evidence From Agricultural Trade In The EU**

**Nota, Paolo<sup>1</sup>; Olper, Alessandro<sup>1,2</sup>**

1: University of Milan, Italy; 2: LICOS – Centre for Institution and Economic Performance, KU Leuven, Belgium

**Trade and Voluntary Sustainability Standards: Does Standard Governance Matter for Exports and Prices?**

**Bemelmans, Janne<sup>1</sup>; Depoorter, Charline<sup>1,2</sup>; Marx, Axel<sup>2</sup>; Maertens, Miet<sup>1</sup>**

1: Department of Earth and Environmental Sciences, KU Leuven, Belgium; 2: Leuven Centre for Global Governance Studies, KU Leuven, Belgium

**Extreme Weather Events, Climate Expectations, and Agricultural Trade**

**Matthew, Gammans<sup>1</sup>; Nes, Kjersti<sup>2</sup>; Schaefer, K. Aleks<sup>3</sup>; Scheitrum, Daniel<sup>4</sup>**

1: Department of Agricultural, Food, and Resource Economics, Michigan State University.; 2: Joint Research Centre, European Commission, Spain; 3: Department of Agricultural Economics, Oklahoma State University; 4: Department of Agribusiness, California Polytechnic State University

3:15pm - 3:45pm	<b>BR6: Refreshments break</b>			
3:45pm - 5:15pm	<p><b>OS1.9: Ukraine session</b> Location: <b>SALLE 6</b></p> <p><b>Subsistence Farming, Land Sales and Policy Response in Ukraine: Examples of Resilience Against the Russian War</b> <i>Chair(s):</i> <b>Petrick, Martin</b> (Justus Liebig University GiessenGermany)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Poverty-Reduction Effects of In-Kind Exchange and Subsistence Farming in Ukraine</b> <b>Bukin, Eduard, Petrick, Martin</b> Justus Liebig University Giessen</p> <p><b>The Ukrainian Land Sales Market and the Russian War Against Ukraine</b> <b>Kvartiuik, Vasyi<sup>1</sup>, Martyn, Andriy<sup>2</sup></b> <sup>1</sup>Leibniz Institute of Agricultural Development in Transition Economies (IAMO), <sup>2</sup>Reforms Office of the Cabinet of Ministers of Ukraine</p> <p><b>Supporting Conflict-Affected Farmers in Ukraine: Implementation Modalities, Targeting and Initial Impact</b> <b>Deinger, Klaus<sup>1</sup>, Ali, Daniel Ayalew<sup>1</sup>, Bashlyk, Denis<sup>2</sup>, Nivievskyi, Oleg<sup>3</sup></b> <sup>1</sup>The World Bank, <sup>2</sup>Ministry of Agricultural Policy and Food, the Cabinet of Ministers of Ukraine, <sup>3</sup>Kyiv School of Economics</p>	<p><b>OS10.9: EU policy</b> Location: <b>SALLE 14</b></p> <p><b>Roadmaps For Exploring The Future Directions For CAP Modelling, Monitoring And Evaluation</b> <i>Chair(s):</i> <b>Helaine, Sophie</b> (DG AGRI) <i>Discussant(s):</i> <b>Erjavec, Emil</b> (University of Ljubljana)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Future Needs And Wish List Of Indicators For An Evolving CAP</b> <b>Dillon, Emma, Donnellan, Trevor</b> Teagasc</p> <p><b>Mapping The Tools For The Design And Monitoring Of The CAP Strategic Plans</b> <b>Bertolozzi-Caredio, Daniele, Dupeux, Berenice, Chartier, Olivier</b> Ecorys</p> <p><b>Roadmap For Exploring The Future Directions CAP Modelling</b> <b>Gonzalez-Martinez, Ana, Jongeneel, Roel</b> Wageningen Economic Research</p> <p><b>Roadmap For Exploring Future Directions For CAP Monitoring And Evaluation System</b> <b>Ceccarelli, Tomaso<sup>1</sup>, Lokers, Rob<sup>1</sup>, van Asseldonk, Marcel<sup>2</sup></b> <sup>1</sup>Wageningen Environmental Research, <sup>2</sup>Wageningen Economic Research</p>	<p><b>OS11.9: IAAE session</b> Location: <b>SALLE 21</b></p> <p><b>Changing Agri-food Systems: Implications For Agricultural Innovation And Food Policies</b> <i>Chair(s):</i> <b>Vink, Nick</b> (Department of Agricultural Economics, Stellenbosch University, South Africa), <b>Lele, Uma</b> (Independent) <i>Discussant(s):</i> <b>McCluskey, Jill J.</b> (Washington State University, USA), <b>Tahirou, Abdoulaye</b> (International Institute of Tropical Agriculture, Nigeria)</p> <p><i>Presentations of the Symposium</i></p> <p><b>Changing Food Environments In Africa: Implications For Food Security And Nutrition</b> <b>Hülse, Vivien<sup>1</sup>, Khonje, Makaiko<sup>2</sup>, Qaim, Matin<sup>3</sup></b> <sup>1</sup>University of Göttingen, Germany, <sup>2</sup>CABI International, Kenya, <sup>3</sup>University of Bonn, Germany</p> <p><b>Processed Foods, Socio-economic Status, and Obesity in Peri-Urban Bangalore</b> <b>von Cramon-Taubadel, Stephan<sup>1</sup>, Purushotham, Anjali<sup>2</sup>, Aiyar, Anaka<sup>3</sup></b> <sup>1</sup>University of Göttingen, Germany, <sup>2</sup>University of Sheffield, United Kingdom, <sup>3</sup>University of Vermont, USA</p> <p><b>A Macro “Production Function” Assessment Of Life Expectancy: Role of BMI, Health Expenditure And Development</b> <b>Bansal, Sangeeta<sup>1</sup>, Zilberman, David<sup>2</sup></b> <sup>1</sup>Jawaharlal Nehru University, India, <sup>2</sup>University of California Berkeley, USA</p>	<p><b>OS12.9: Consumption</b> Location: <b>SALLE 18</b></p> <p><b>Promoting Sustainably Sourced Foods: The Role of Trust</b> <i>Chair(s):</i> <b>Meyers, William</b> (University of Missouri - Columbia, United States of America) <i>Discussant(s):</i> <b>House, Lisa</b> (University of Florida)</p> <p><i>Presentations of the Symposium</i></p> <p><b>The Role of Trust in the Appreciation of Sustainability Attributes in the Choice of Pork and Broiler Meat</b> <b>Grunert, Klaus, Peschel, Anne Odile, Thomosen, Kristina, Tsalis, George</b> Aarhus University</p> <p><b>Promoting Fish from Aquaponics: The Role of Consumer Trust in Information</b> <b>Hartmann, Monika, Macht, Janine, Klink-Lehmann, Jeanette</b> University of Bonn</p> <p><b>The Effects of Institutional Trust and Distrust on Consumer Acceptance of Cultured Meat</b> <b>Chen, Lijun Angelia, Gao, Zhifeng, House, Lisa</b> University of Florida</p> <p><b>Consumer Trust in Arctic Foods Certification</b> <b>Yang, Yang, Hobbs, Jill, Natcher, David</b> University of Saskatchewan</p>
	<p><b>OS13.9: Risk and resilience</b> Location: <b>SALLE 19</b></p> <p><b>Resilience – Bringing It To The Next Level</b> <i>Chair(s):</i> <b>Meuwissen, Miranda</b> (Wageningen University, Netherlands, The) <i>Discussant(s):</i> <b>Mathijs, Erik</b> (KU Leuven), <b>Anton, Jesus</b> (OECD)</p> <p><i>Presentations of the Symposium</i></p>	<p><b>OS2.9: Sustainability along the supply chain</b> Location: <b>SALLE 3</b></p> <p><b>Transitioning to a Sustainable Food Chain: Challenges and Opportunities under the EU Green Deal</b> <i>Chair(s):</i> <b>Ciaian, Pavel</b> (JRC Seville), <b>Falkowski, Jan</b> (University of Warsaw, Poland) <i>Discussant(s):</i> <b>Olper, Alessandro</b> (University of</p>	<p><b>OS3.9: Digital innovations</b> Location: <b>SALLE 5</b></p> <p><b>The Innovation Ecosystem In Rural Areas For The Digital And Ecological Transition</b> <i>Chair(s):</i> <b>Brunori, Gianluca</b> (University of Pisa, Department of Agricultural, Food and Agri-environmental Sciences), <b>Charatsari, Chrysanthi</b> (Aristotle University of Thessaloniki, School of</p>	<p><b>OS4.9: Agri-environmental schemes and chemical use</b> Location: <b>SALLE 13</b></p> <p><b>Economics and Policies of Integrated Pest Management</b> <i>Chair(s):</i> <b>Möhring, Niklas</b> (Business Economics, Wageningen University &amp; Research, Netherlands), <b>Sok, Jaap</b> (Business Economics, Wageningen University &amp; Research, Netherlands)</p>

## Key Lessons Learned From Eleven Case Studies in Europe

Zawalińska, Katarzyna  
IRWiR Polish Academy of Sciences

## What Can The FADN Data Tell Us About Resilience?

de Almeida Furtado, Murilo, Ang, Frederic, Meuwissen, Miranda  
Wageningen University

## Who Needs To Take Action To Improve Resilience?

Soriano, Barbara  
University of Madrid (UPM)

## Five Avenues For Future Research

Feindt, Peter  
Humboldt-Universität zu Berlin

Milano)

*Presentations of the Symposium*

## Improving Quality of Fresh Produce: Some Insights on Apple Production in Poland

Chlebicka, Aleksandra<sup>1</sup>,  
Fałkowski, Jan<sup>2</sup>

<sup>1</sup>Warsaw University of Life Sciences (SGGW),

<sup>2</sup>University of Warsaw

## Empirical Evidence on Sustainability Innovation Initiatives Adopted by Firms in the EU Food Chain: Do we need policy intervention

Solano-Hermosilla, Gloria<sup>1</sup>, Antonioni, Federico<sup>1</sup>, Ciaian, Pavel<sup>1</sup>, Pinedo Gil, Julia<sup>2</sup>, Fernández Casal, Laura<sup>2</sup>  
<sup>1</sup>JRC Seville, <sup>2</sup>CARTIF

## Consumer Demand and Price Effect of Sustainable Consumption

Nes, Kjersti, Antonioni, Federico, Ciaian, Pavel  
JRC Seville

## Impact of Sustainability Standards on Trade

Schaefer, K. Aleks<sup>1</sup>, Nes, Kjersti<sup>2</sup>  
<sup>1</sup>Oklahoma State University,  
<sup>2</sup>JRC Seville

Agriculture, Department of Agricultural Economics)  
*Discussant(s):* **Martino, Gaetano** (University of Perugia, Department of Agricultural, Food and Environmental Sciences)

*Presentations of the Symposium*

## Weaving Digitalization Among Italian Farms: A Context-related Analysis

De Rosa, Marcello<sup>1</sup>, Francescone, Martina<sup>1</sup>, Charatsari, Chrysanthi<sup>2</sup>, Lioutas, Evangelos<sup>3</sup>, Masi, Margherita<sup>4</sup>, Vecchio, Yari<sup>4</sup>

<sup>1</sup>University of Cassino and Southern Lazio, Department of Economics and Law,

<sup>2</sup>Aristotle University of Thessaloniki, School of Agriculture, Department of Agricultural Economics,

<sup>3</sup>International Hellenic University, Department of Supply Chain Management,

<sup>4</sup>University of Bologna, Department of Veterinary Science

## Tensions, Hybridisations And Actors' Readiness In Digitalisation Processes: The Case Of Parmigiano Reggiano

Brunori, Gianluca<sup>1</sup>, Ciliberti, Stefano<sup>2</sup>, Frascarelli, Angelo<sup>2</sup>, Martino, Gaetano<sup>2</sup>

<sup>1</sup>University of Pisa, Department of Agricultural, Food and Agri-environmental Sciences,

<sup>2</sup>University of Perugia, Department of Agricultural, Food and Environmental Sciences

## Stakeholder Mapping And Co-Creation For Sustainable Agrifood Systems: A Case Study In Campania Region

Olivieri, Giuseppina<sup>1</sup>, De Rosa, Marcello<sup>2</sup>, Amendolagine, Vito<sup>3</sup>, La Sala, Piermichele<sup>3</sup>, Del Giudice, Teresa<sup>1</sup>

<sup>1</sup>University of Naples - Federico II, Department of Agricultural Sciences,

<sup>2</sup>University of Cassino and Southern Lazio, Department of Economics and Law,

<sup>3</sup>University of Foggia, Department of Economics

## Digitization In Supply Chains Of The Mediterranean Agrifood In Marginal Rural Areas

Sardaro, Ruggiero,

*Discussant(s):* **Hansson, Helena** (Swedish University of Agricultural Sciences, Uppsala, Sweden), **Lefebvre, Marianne** (Université d'Angers, Angers, France)

*Presentations of the Symposium*

## Reducing Pesticide Use and Transforming Agricultural Pest Management - A Key Challenge for Agricultural Production in the Next Decade

Möhring, Niklas  
Business Economics, Wageningen University & Research, Netherlands

## Farmer Adoption of Integrated Pest Management - A Behavioral and Methodological Framework

Finger, Robert  
Agricultural Economics and Policy Group, ETH Zurich, Switzerland

## Developing Discrete Choice Experiments for IPM Adoption

Lehnhardt, Fatima  
Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

## Extending FADN with Environmental Indicators and Behavioural Data for Better Evaluation and Guidance

Sok, Jaap  
Business Economics, Wageningen University & Research, Netherlands



**Amendolagine, Vito, Contò, Francesco, La Sala, Piermichele**  
University of Foggia,  
Department of Economics

**OS5.9: Climate change and climate policy**  
Location: **SALLE 2**

### **Economics Of Climate Change Mitigation Strategies At Farm-Level**

*Chair(s):* **Grassnick, Nina** (Thünen Institute, Germany), **Agethen, Katrin** (Thünen Institute, Germany)  
*Discussant(s):* **Agethen, Katrin** (Thünen Institute, Germany)

*Presentations of the Symposium*

### **Farm-level Greenhouse Gas Accounting And Climate Change Mitigation Options**

**Grassnick, Nina**  
Thünen Institute, Germany

### **Farmers Expectations For A Decision Support Tool Combining GHG-, Soil Carbon Balances, And Economics**

**Gocht, Alexander**  
Thünen Institute, Germany

### **Supporting The Transition To Climate-neutral European Farming: Results From The ClieNFarms Project**

**Lambert, Pauline**  
French Livestock Institute, France

### **Economic Impacts Of GHG Mitigation Options On Dairy Farms In The Netherlands**

**Helming, John**  
Wageningen Economic Research, Netherlands

**OS6.9: Food supply chains**  
Location: **SALLE 12**

### **Short Food Supply Chains Towards Food System Sustainability. Myth Or Reality?**

*Chair(s):* **Petruzzielli, Mara** (University of Bologna - Department of Agricultural and Food Sciences), **Ihle, Rico** (Wageningen University - Agricultural Economics and Rural Policy Group), **Vittuari, Matteo** (University of Bologna - Department of Agricultural and Food Sciences)  
*Discussant(s):* **Dries, Liesbeth** (Agricultural Economics and Rural Policy group Wageningen University), **Kimhi, Ayal** (Hebrew University and Shoshan Institution for Socioeconomic Research)

*Presentations of the Symposium*

### **Short Food Supply Chains, Local Food Systems And The Sustainability Debate**

**Santini, Fabien, Stein, Alexander**  
European Commission, DG Agriculture and Rural Development

### **Measuring Social And Economics Sustainability Of Short Food Supply Chains**

**Malak-Rawlikowska, Agata<sup>1</sup>, Majewski, Edward<sup>2</sup>**  
<sup>1</sup>Warsaw University of Life Sciences, <sup>2</sup>Warsaw University of Life Sciences – SGGW

### **Do Short Food Supply Chains Have Lower True Cost? The Case Of Bread**

**Petruzzielli, Mara<sup>1</sup>, Ihle, Rico<sup>2</sup>, Vittuari, Matteo<sup>1</sup>**  
<sup>1</sup>University of Bologna - Department of Agricultural and Food Sciences, <sup>2</sup>Wageningen University - Agricultural Economics and Rural Policy Group

### **Rethinking The Contribution Of Short Food Supply Chains To Food System Sustainability**

**Chiffolleau, Yuna<sup>1</sup>, Nemes, Gusztáv<sup>2</sup>, Benedek, Zsófia<sup>3</sup>, Zollet, Simona<sup>4</sup>,**

**OS7.9: Novel methods**  
Location: **HORIZONS**

### **Advances in Causal Machine Learning Methods for Agricultural Economics: Applications and Implications**

*Chair(s):* **Sckokai, Paolo** (Università Cattolica del Sacro Cuore)  
*Discussant(s):* **Baylis, Kathy** (University of California, Santa Barbara), **de Mey, Yann** (Wageningen University & Research)

*Presentations of the Symposium*

### **Peer Effects in Farmers' Decision to Use Mechanical Weeding in Sugar Beets**

**Massfeller, Anna, Storm, Hugo**  
University of Bonn

### **Evaluating Environmental Effects of Adopting Automatic Milking Systems in Norwegian Dairy Farms**

**Martinsson, Elin, Storm, Hugo**  
University of Bonn

### **Using Machine Learning to Identify Heterogeneous Impacts of Agri-Environment Schemes in the EU: A Case Study**

**Stetter, Christian<sup>1</sup>, Mennig, Philipp<sup>2</sup>, Sauer, Johannes<sup>2</sup>**  
<sup>1</sup>ETH Zurich, <sup>2</sup>Technical University of Munich

### **Analysing the Effect of Agri-Environmental Scheme in the EU: a Double Machine Learning Staggered Difference-in-Difference Approach**

**Brignoli, Paolo Libenzio<sup>1</sup>, Gardebroeck, Cornelis<sup>1</sup>, Sckokai, Paolo<sup>2</sup>, Varacca, Alessandro<sup>2</sup>**  
<sup>1</sup>Wageningen University & Research, <sup>2</sup>Università Cattolica del Sacro Cuore

**OS8.9: Food systems**  
Location: **SALLE 4**

### **Scenarios for Exploring and Shaping the Future of Agri-Food Systems: Do They Meet Their Aims and Serve Scientists and Decision Makers?**

*Chair(s):* **Mitter, Hermine** (University of Natural Resources and Life Sciences, Vienna, Austria), **Schönhart, Martin** (University of Natural Resources and Life Sciences, Vienna, Austria)  
*Discussant(s):* **Huber, Robert** (ETH Zurich), **Stoermer, Eckhard** (Future Impacts, Foresight Consulting, Cologne, Germany)

*Presentations of the Symposium*

### **Combining Scenario Planning, Identification of Research Gaps and Backcasting for Building Normative Future: The Example of the Foresight on Pesticide-free Agriculture in Europe in 2050**

**Mora, Olivier<sup>1</sup>, Meunier, Claire<sup>1</sup>, Berne, Jeanne-Alix<sup>1</sup>, Drouet, Jean-Louis<sup>2</sup>, Le Mouél, Chantal<sup>3</sup>**  
<sup>1</sup>DEPE, INRAE, Paris, <sup>2</sup>ECOSYS, INRAE, AgroParisTech, Université Paris-Saclay; DEPE, INRAE, Paris, <sup>3</sup>SMART, INRAE, Agrocampus-Ouest, Rennes

### **Challenges in Developing Transparent and Plausible Quantitative Scenarios Serving Agri-food Stakeholders in Finland**

**Lehtonen, Heikki**  
Natural Resources Institute Finland (Luke)

### **Participatory Scenario Development of Agri-Food Systems for Ecosystem Services**

**Serafin, Rafal<sup>5</sup>, Willem van der Schans, Jan<sup>6</sup>,  
Colantuono, Fedele<sup>7</sup>**

<sup>1</sup>French National Institute for Agriculture, Food, and Environment (INRAE),

<sup>2</sup>Institute of Economics, Hungarian Academy of Sciences, Hungary,

<sup>3</sup>Research Centre for Economic and Regional Studies, Hungary,

<sup>4</sup>Hiroshima University, Japan, <sup>5</sup>ISOTECH, Poland,

<sup>6</sup>Task Force Short Supply Chain, The Netherlands,

<sup>7</sup>Foggia University, Italy

**The Retail Perspective On Short Food Supply Chains For The Transition Towards A Sustainable Food System**

**Bedert, Els**

EuroCommerce Director  
Product Policy and Sustainability

**and Biodiversity Assessments – Lessons Learned from Austria**

**Karner, Katrin, Mitter, Hermine, Schoenhart, Martin**

University of Natural Resources and Life Sciences, Vienna, Austria

**OS9.9: Agrifood trade**  
Location: **SALLE 20**

**Linking agri-food trade policies with Sustainable Development Goals: Insights from two EU Horizon2020 projects**

*Chair(s):* **Jambor, Attila** (Corvinus University of Budapest, Hungary), **Steiner, Bodo** (University of Helsinki)

*Discussant(s):* **Calvo, Facundo** (IISD), **Stone, Susan** (OECD)

*Presentations of the Symposium*

**Recent Trends in Global Agri-Food Value Chains**

**Jambor, Attila**  
Corvinus University of Budapest

**Linking EU trade policy with SDGs: Focus on Economic Partnership Agreements and agri-food trade**

**Carlson, Mari**  
University of Helsinki

**Quantitative Assessment of the Impact of EU FTAs on SDGs in Agriculture**

**Di Ubaldo, Mattia**  
University of Sussex

**SDGs Indicators and Assessment of Their Suitability to Analyse Trade and Sustainability Relations**

**Bettoni, Maddalena**

<b>5:30pm</b> - <b>6:15pm</b>	<b>GM: EAAE general meeting</b> Location: <b>GRAND AUDITORIUM</b>
<b>6:15pm</b> - <b>7:00pm</b>	<b>CLOSE: Awards and Closing Ceremony</b> Location: <b>GRAND AUDITORIUM</b>
<b>7:45pm</b> - <b>11:59pm</b>	<b>SOC5: Farewell dinner</b>