

# Do Green Growth and Technological Innovation Matter to Infrastructure Investment? Global Evidence

Lo, D., & McCord, M. (2021). Do Green Growth and Technological Innovation Matter to Infrastructure Investment? Global Evidence: The 3rd Asia Conference on Business and Economic Studies. In *The 3rd Asia Conference on Business and Economic Studies* 

Link to publication record in Ulster University Research Portal

#### Published in:

The 3rd Asia Conference on Business and Economic Studies

#### Publication Status:

Published (in print/issue): 28/08/2021

**Document Version** Publisher's PDF, also known as Version of record

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# The 3<sup>rd</sup> Asia Conference on Business and Economic Studies

**ACBES Handbook** 

ISBN: 978-604-922-989-3

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## **ACBES 2021: DETAILED PROGRAM**

Note: The number in Parallel Session is Article code. Time zone is based on GMT +7 (Indochina Time) and 24-hour clock format.

	Special	Workshop Training   Thursda	y, August 26, 2021	
15:00 (GMT + 7) (10:00 – Germany Time)	Topic: "Quantitative Science Studies and Research Evaluation" Special Topic: "Building Reliable Bibliometric Indicators for Measuring Research Performance"		for Keynote speaker: Wolfgang Glänzel (Editor-in-Chief of Scientometric	
18:00 (GMT + 7) (06:00 – Texas Time)			Keynote speaker: Scott Cunningha Forecasting and Social Changes)	m (Editor-in-Chief of Technological
		ACBES 2021   Friday, August	27, 2021	
09:00 – 10:00 (GMT + 7)	Reservation + Registration + Ot	hers	*Participants should attend this sessio	on to get acquainted with Zoom.
12:45 – 13:00 (GMT + 7)	ACBES Instruction			
13:00 – 13:30 (GMT + 7)	Opening Ceremony ACBES		UEH President and ACBES 2021 Chairman	
	PARALLEL SESSIONS			
13:30 – 15:00 (GMT + 7)	13:30 - 13:50	13:50 - 14:10	14:10 - 14:30	14:30 - 14:50
Session 27A-1 Law and Regulations Session Chair: Duong Kim The Nguyen ACBES Coordinator: Huynh Thien Tu	(52) Wide Implications of the Decree 10/2020/NĐ-CP Re the Development of the "Sharing" Economy and Consumer Protection in the Economy: An Unwelcomed and Visionless Paternalism?	(84) Identifying the Transformation of Industrial Labor Relationship - Legal Challenges for Vietnam	(8) Contractual Analysis of Reward- based Crowdfunding and Legal Frameworks for Backer Protection: Lessons for Vietnam	
Author	Doan Thanh Hai Nguyen Duc Tai	Duong Kim The Nguyen Doan Thi Phuong Diep	Ngoc Tram Anh Nguyen Thi Anh Nguyen	
Discussant	Duong Kim The Nguyen Doan Thi Phuong Diep	Ngoc Tram Anh Nguyen Thi Anh Nguyen	Doan Thanh Hai Nguyen Duc Tai	

One Stone": The Dual Effect of Nostalgic Advertising in Corporate Social Marketing	Impulse Buying		
<b>.</b>			
Corporate Social Marketing			
Khai Trieu Tran	Antonio E. Etrata, Jr.		
Trinh Thi Kieu Tran	Kyla Marie B. Dionisio		
Toan Minh Le	Martha Ladine G. Dizon		
	Jastine Sam R. Lim		
Antonio E. Etrata, Jr.	Khai Trieu Tran		
Kyla Marie B. Dionisio	Trinh Thi Kieu Tran		
Martha Ladine G. Dizon	Toan Minh Le		
Jastine Sam R. Lim			
(53) The Moderating Effect of	(99) Association between CSR and		(11) Food Waste Behavior and
	-	-	Management at Household Level: A
	0		Preliminary Study in Ho Chi Minh City
	•••	Competitive Advantage	
	Endogeneity of Networking		
Vu Thi Kim Chi		·	Dang Thi My Ngan
		M. D. Pushpakumari	Ho Viet Tien
	, –		
	•		Vu Thi Kim Chi
	M. D. Pushpakumari	Ho Viet Tien	
. ,		. ,	(9) Tying Peasants to Their Land: The
-		•	Rise and Fall of Private Property
-	Products from the EO	_	Rights in Historical Vietnam
competitive Advantage			
		Growth	
Nauven Thanh Hung	Huunh Ven Nhi	Meta Avu Kurpiqwati	Hoang-Anh Ho
Nguyen munin Hung		Weta Aya Kumawati	Houng-Ann Ho
Huuph Yan Mhi		Hogng Anh Ho	Nguyen Thanh Hung
-	Weta Aya Kumawati	Houng-Ann Ho	Nguyen munin Hung
Nguyen III Phuong Linh			
	Trinh Thi Kieu Tran Toan Minh Le Antonio E. Etrata, Jr. Kyla Marie B. Dionisio Martha Ladine G. Dizon Jastine Sam R. Lim	Trinh Thi Kieu Tran Toan Minh LeKyla Marie B. Dionisio Martha Ladine G. Dizon Jastine Sam R. LimAntonio E. Etrata, Jr. Kyla Marie B. Dionisio Martha Ladine G. Dizon Jastine Sam R. LimKhai Trieu Tran Trinh Thi Kieu Tran Toan Minh Le(53) The Moderating Effect of Corporate Social Responsibility on Brand Reputation - Brand Equity Relationship: Evidence from Vietnam(99) Association between CSR and Marketing to Accelerate Labor Innovation of Food Processing SMEs in Vietnam: An Approach on Endogeneity of NetworkingVu Thi Kim ChiTu Van Binh Ngo Giang Thy Huynh Dang Khoa Nguyen Dinh ThongTu Van Binh Ngo Giang Thy 	Trinh Thi Kieu Tran Toan Minh LeKyla Marie B. Dionisio Martha Ladine G. Dizon Jastine Sam R. LimAntonio E. Etrata, Jr. Kyla Marie B. Dionisio Martha Ladine G. Dizon Jastine Sam R. LimKhai Trieu Tran Tran Trinh Thi Kieu Tran Toan Minh Le(53) The Moderating Effect of Corporate Social Responsibility on Brand Reputation - Brand Equity Vietnam(99) Association between CSR and Marketing to Accelerate Labor Innovation of Food Processing SMEs in Vietnam: An Approach on Endogeneity of Networking(82) Identifying Literature Gap of Mediating Role of PsyCAP in Developing Sustainable Competitive AdvantageVu Thi Kim ChiTu Van Binh Ngo Giang Thy Huynh Dang Khoa Nguyen Dinh ThongI. W. M. Bandarayanake M. D. PushpakumariTu Van Binh Ngo Giang Thy Huynh Dang Khoa Nguyen Dinh ThongI. W. M. Bandarayanake M. D. Pushpakumari(13) Factors Influencing Hochiminh City Based Inland Competitive Advantage(68) Assessing the Effects of EVFTA on Vietnam's Import of Dairy Products from the EU(39) East and Southeast Asian Countries Lesson: How Important Are Internet Usage, Trademark and Patent Applications on National Growth?Nguyen Thanh HungHuynh Yen Nhi Nguyen Thi Phuong LinhMeta Ayu KurniawatiHuynh Yen NhiMeta Ayu Kurniawati

Session 27A-5 Trade, Logistics, and Growth Session Chair: Nguyen Dong Phong ACBES Coordinator: Nguyen Trung Thong	(85) Trade Facilitation and Global Value Chain Participation: Cross-country Analysis	(55) BIM-based Framework for Logistics Optimization in Construction Supply Chain with Agent-Based Modeling	(37) Philippine Conglomerates and their Role in Promoting Inclusive Development	
Author	Ketan Reddy Subash Sasidharan	Phuoc Luong Le Nguyen Thi Duc Nguyen	Philamer C. Torio Paul Neilmer M. Feliciano Mary Sofia J. Manalo Leonardo C. Jaminola III	
Discussant	Phuoc Luong Le Nguyen Thi Duc Nguyen	Philamer C. Torio Paul Neilmer M. Feliciano Mary Sofia J. Manalo Leonardo C. Jaminola III	Ketan Reddy Subash Sasidharan	
Session 27A-6 COVID-19, Production Economics Session Chair: Le Quoc Hoi ACBES Coordinator: Phan Dang Bao Anh	(33) Finding the Silver Linings in Times of Crisis: Crisis- coping Strategies Adopted by Food Manufacturing Firms in Sri Lanka during the COVID-19 Pandemic	(67) Technical Efficiency in Vietnamese Agricultural Production: A Bayesian Approach	(46) 'Working from Home' during COVID-19 Pandemic: Life of Employed Women in Colombo District, Sri Lanka	(110) Will Solar-powered Irrigation Generate Net Benefits?: A Case in Agusan del Sur, Southern Philippines
Author	M.T.S Perera M. D. Pushpakumari	Pham T. P. Loan Choi Seung-Churl	K. P. B. Karunarathna M. D. Pushpakumari	Galinea, Lans Gabriel L. Vicente, Millinia Ciela R. Nuega, Nessa Louise S. Subade, Rodelio
Discussant	Pham T. P. Loan Choi Seung-Churl	K. P. B. Karunarathna M. D. Pushpakumari	Galinea, Lans Gabriel L. Vicente, Millinia Ciela R. Nuega, Nessa Louise S. Subade, Rodelio	M.T.S Perera M. D. Pushpakumari

Session 27A-7 Literature Review and Methodology Session Chair: Nguyen Trong Hoai ACBES Coordinator: Phan Chung Thuy	(83) Development with Agile Business Modeling: A Structured Literature Review	(70) A Review on Economies of Scope	(34) Matching Demand and Supply: A Study using Multi-method Simulation	(40) Development of a Comprehensive Definition for Operational Excellence
Author	Truong Dinh Hong Thuy Truong Dinh Hai Thuy	Nguyen Thi Xuan Trang	Nguyen Thi Bich Tram	Manori P. Kovilage S. T. W. S. Yapa C. Hewagamage
Discussant	Manori P. Kovilage S. T. W. S. Yapa C. Hewagamage	Truong Dinh Hong Thuy Truong Dinh Hai Thuy	Nguyen Thi Xuan Trang	Nguyen Thi Bich Tram
Session 27A-8 Psychology Business and Behavioural Intention I Session Chair: Pham Khanh Nam ACBES Coordinator: Huynh Ngoc Quang Anh	(21) Customer Mindfulness as a Psychological Resource for Cocreating Transformative Services	(44) The Effect of Servicescape to Service Quality and Customer Behavioral Intention – An Evidence in Viet Nam Market	(47) Explaining Factors Influencing Pro-Environmental Behaviors on Self-identity and Cost Awareness	(57) GMO Food Labeling and Purchase Intention: An Assessment of Serial Mediation
Author	Pham Ngoc Tram Anh Mai Thi My Quyen Le Nguyen Hau	Nguyen Van Anh Nguyen Thi Phuong Thao	Phuong Nguyen Hoa Trieu Vu Nguyen Uyen Ton Trang Bui	Pubali Chatterjee Shadab Khalil
Discussant	Nguyen Van Anh Nguyen Thi Phuong Thao	Phuong Nguyen Hoa Trieu Vu Nguyen Uyen Ton Trang Bui	Pubali Chatterjee Shadab Khalil	Pham Ngoc Tram Anh Mai Thi My Quyen Le Nguyen Hau

Session 27A-9 Psychology Business and Behavioural Intention II Session Chair: Ho Huy Tuu ACBES Coordinator: Le Nhat Hanh	(80) Workplace Ostracism and Malaysian Medical Doctors' Counterproductive Work Behavior	(116) A Hybrid SEM – ANN Method for Identifying Acceptance Factors of the Smart Watch in Viet Nam	(111) Drivers of Turnover Intentions of Professional Returnees – An Emerging Economy Perspective	
Author	Tay Lee Chin Tan Fee Yean	Le Quang Huy	Nga Thi Thuy Ho Hung Trong Hoang	
Discussant	Le Quang Huy	Nga Thi Thuy Ho Hung Trong Hoang	Tay Lee Chin Tan Fee Yean	
Session 27A-10 Social Media, Digitalization, Organizational Behaviours Session Chair: Tu Van Binh ACBES Coordinator: Duong Duy	(78) To Continue or Not Continue Utilizing Mobile Social Media Applications: An Extended Expectation Confirmation Paradigm-based Analytical Approach	(41) Exploring the Developmental Antecedents of a Protean Career Orientation among Generation Z	(87) Compensation and Job Embeddedness: What's the Connection?	(45) Why Employee Commitment and Management Style Matters: An Impact Analysis using Structural Equation Modelling on Organizational Performance: The Case of Microfinance Industry in a Philippine Province
Author	Le Xuan Cu	Thanh-Hang Pham Nuno F. Ribeiro Jung Woo Han	Tan Fee Yean Tay Lee Chin	Flormando P. Baldovino Felixberto M. Mercado Dennis Arthur S. Leonor
Discussant	Thanh-Hang Pham Nuno F. Ribeiro Jung Woo Han	Tan Fee Yean Tay Lee Chin	Flormando P. Baldovino Felixberto M. Mercado Dennis Arthur S. Leonor	Le Xuan Cu

		ACBES 2021   Friday, Augus	t 27, 2021		
15:00 (GMT + 7) (10:00 – Zurich Time)	Topic: "Stochastic Choice: Psychological Foundations and Economic Consequences"		Keynote speaker: Carlos Alós-Ferrer (University of Zurich, Switzerland) Moderator: Pham Khanh Nam (UEH, Vietnam)		
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16:30 – 18:00 (GMT + 7)	16:30 - 16:50	16:50 - 17:10	17:10 - 17:30	17:30 - 17:50	
Session 27B-1 Banks and Financial Institutions Session Chair: Christopher Gan ACBES Coordinator: Phan Chung Thuy	(90) Revisiting the Link between Competition and Efficiency: Is Antitrust Policy suitable for the Vietnamese Banking Sector?	(95) Market Discipline and Bank Risk through New Regulations: Evidence from Asian – Pacific	(102) Impact of Monetary Policy Transmission on Bank Performance and Risk in an Emerging Market: Does the Covid-19 Pandemic Matter?	(113) Do Internal Conflicts Hind Financial Inclusion? Empirical Evidence from South Asia?	
Author	Huong Nguyen Le Quynh	Anh N.Q.Le	Huan Huu Nguyen Thanh Phuc Nguyen	Muntasir Murshed Rizwan Ahmed Chamaiporn Kumpamool Freya	
Discussant	Anh N.Q.Le	Thanh Phuc Nguyen	Rizwan Ahmed	Huong Nguyen Le Quynh	
Session 27B-2 Corporate Finance I Session Chair: Zhaohua Li ACBES Coordinator: Quach Doanh Nghiep	(28) The Impacts of Economic Freedom and Corruption on Corporate Leverage: An Evidence of Vietnamese Listed Companies	(107) Equity Dependence and the Sensitivity of Investment to the Stock Price in Vietnamese Listed Firms	(50) Investigation of Financial Performance of Firms Operating in BIST Wood, Paper & Printing Components Index (XKAGT)		
Author	Anh-Tuan Doan Bich-Thanh Truong Chi-Cuong Nguyen Phan-Tam-Nhu Nguyen Hai-Yen Truong	Quynh Trang Phan	Ahmet ŞİT		
Discussant	Ahmet ŞİT	Anh-Tuan Doan Bich-Thanh Truong Chi-Cuong Nguyen Phan-Tam-Nhu Nguyen Hai-Yen Truong	Quynh Trang Phan		

Session 27B-3 Financial Innovation and Fintech Session Chair: Cuong Nguyen ACBES Coordinator: Phan Dang Bao Anh	(12) Gold, Bitcoin and Vietnamese Stock Market: New Insight based on Wavelet Coherence Analysis	(22) What Drives Bitcoin?	(31) "Ubiquitous Uncertainties": Spillovers across Economic Policy Uncertainty and Cryptocurrency Uncertainty Indices	(114) Asymmetric News Effects on Bitcoin Liquidity: An Event Study Perspective
Author	Huong Thi Diem Hoang	Andrés García Medina	Matteo Foglia	Rizwan Ahmed Sajid M. Chaudhry Chonlakan Benjasak Chamaiporn Kumpamool
Discussant	Andrés García Medina	Matteo Foglia Peng-Fei Dai	Rizwan Ahmed Sajid M. Chaudhry Chonlakan Benjasak Chamaiporn Kumpamool	Huong Thi Diem Hoang
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Discussant	Iya Churakova Yulia Leevik	Truong Trong Hieu	Nguyen Phuc Canh Nadia Doytch Ayesha Ashraf	

Session 27B-5 Financial Markets I Session Chair: Ho Tu Linh ACBES Coordinator: Tran Thi Tuan Anh	(14) Herding Behavior: Do Domestic Investors Herd toward Foreign Investors in Vietnam Stock Market?	(30) Machine Learning Techniques Utilization in the Vietnamese Financial Market	(36) Predicting Stock Markets Indexes using Machine Learning and Time Series Techniques. Empirical Evidence from SAARC Countries	(38) Investigating the Time-Varying Asymmetric Return Spillover from United States, China to Thailand Stock Markets
Author	Nguyen Phuong Quynh	Vu Minh Ngo Huan Huu Nguyen	Farman Ullah Khan Faridoon Khan Parvez Ahmed Shaikh Farid Ullah Shams Ur Rehman	Xuan Vinh Vo Thi Tuan Anh Tran
Discussant	Xuan Vinh Vo Thi Tuan Anh Tran	Nguyen Phuong Quynh	Vu Minh Ngo Huan Huu Nguyen	Farman Ullah Khan Faridoon Khan Parvez Ahmed Shaikh Farid Ullah Shams Ur Rehman
Session 27B-6 Asset Pricing and Empirical Finance Session Chair: Thomas Walther ACBES Coordinator: Huynh Ngoc Quang Anh	(103) Interest Rates and Systemic Risk: Evidence from Vietnamese Economy	(4) The Value of a Disclosure of Ambiguous Information – The Case of Insider Trading	(65) The US President should not be Pessimistic about COVID-19: A Textual Analysis Study of Trump's Twitter Posts	(101) Empirical Asset Pricing Models in the US Public Insurance Companies
Author	Nguyen Thi Thanh Hoai Tram Thi Xuan Huong Nguyen Thi Thuy Linh	Elli Kraizberg	Duy Duong Huynh Ngoc Quang Anh	Sampan Nettayanun
Discussant	Elli Kraizberg	Duy Duong Huynh Ngoc Quang Anh	Peerapong Dhangwatnotai Sampan Nettayanun	Nguyen Thi Thanh Hoai Tram Thi Xuan Huong Nguyen Thi Thuy Linh

Session 27B-7	(1) The Impact of Internal	(96) Digitalization of Accounting		
Accounting and Auditing	Audit Function Quality on	Information and Servitization in Public Universities' sustainable		
Session Chair:	Corporate Governance in the Public Sector. Case of	Innovation Ecosystem - The		
Bui Quang Hung	Zimbabwe Local Authorities	Moderating Effect of Recoverable		
ACBES Coordinator:	Zimbabwe Local Authonties	Slack		
Duong Duy		Sluck		
Author	Moses Jachi	Pham Quang Huy		
		Vu Kien Phuc		
Discussant	Rham Quana Huy	Moses Jachi		
Discussuit	Pham Quang Huy Vu Kien Phuc	Moses Jacin		
Session 27B-8	(6) Economic Growth with	(75) The Role of Entrepreneurial	(15) Bridging the Intention-	
Tourism and	Public and Foreign Investment in Vietnam	Culture in Fostering Innovative Work Behaviour	behavior Gap among Sustainable Tourism Services: The Crucial Role	
Macroeconomics	in vietnam	WORK BEHAVIOU	of Sustainability Communication	
Session Chair:			of Sustainability communication	
Khieu Hoang				
ACBES Coordinator:				
Pham To Thuc Han				
Author	Ly Dai Hung	Nguyen Thi Nhu Hoa	Maxi Bergel	
		Jung Woo Han	Sarah Witthohn Nele Lewerenz	
		Truong Thi Lan Anh	Christian Brock	
Discussant	Nguyen Thi Nhu Hoa	Maxi Bergel	Ly Dai Hung	
Discussuitt	Jung Woo Han	Sarah Witthohn	Ly Dui Hung	
	Truong Thi Lan Anh	Nele Lewerenz		
	Truong Thi Lun Ann	Christian Brock		
Session 27B-9	(49) Exploring the Link	(20) The Effect of CSR Regulatory	(59) Ownership Structure and Post-	
Behavioural and	between Trait Affectivity,	Change on Firm Efficiency:	Earnings-Announcement-Drift:	
Green Finance II	Cognitive Ability and	Evidence from Indonesia	Evidence from Vietnam	
Session Chair:	Preferences among Top			
Le Kim Long	Managers			
ACBES Coordinator:				
Nguyen Quang Binh				
Author	Huong Trang Kim	Kieu Thi Khanh	Tuan Ho	
		Nguyen Cong Hoang	Y Nguyen	
		Shu-Hsing Wu	Hieu Tran	
Discussant	Tuan Ho	Huong Trang Kim	Kieu Thi Khanh	

Session 27B-10 Health and Labor Economics Session Chair: Nguyen Van Thang ACBES Coordinator: Huynh Thien Tu	(118) Determinants of Maternal Health Care Choice for Children with Pneumonia: An Empirical Study in Ninh Thuan Province, Vietnam	(64) Understanding Consumer using Behavior toward Wearable Technology in Healthcare	(3) When Customers Lack Resource for Co-Creating a Needed Service: The Role of Social Resource in Healthcare Service Value Co- Creation	(100) Transitions Between Formal and Informal Labour Market Statuses: Evidence in Vietnam
Author	Nguyen Trong Hoai Lam Che Thi Truc Tram Dang Vu Thanh	Truong Dinh Quoc Bao Van-Anh T. Truong	Le Nguyen Hau Pham Ngoc Thuy Mai Thi My Quyen	Nguyen Ngoc Duc
Discussant	Nguyen Ngoc Duc	Nguyen Trong Hoai Lam Che Thi Truc Tram Dang Vu Thanh	Truong Dinh Quoc Bao Van-Anh T. Truong	Le Nguyen Hau Pham Ngoc Thuy Mai Thi My Quyen
Session 27B-11 Job, Working Business, Organizational Behaviours Session Chair: Dang Huu Phuc ACBES Coordinator: Le Nhat Hanh	(97) Job Performance in the Remote Work Context: Do not Ignore Work-Life Balance, Stress, and Conflict	(94) Working Title: The Missing Ingredient of Organisational Culture Scale in East Asia	(91) The Mediating Effect of Organisational Identification on the Relationship Between Organisational Justice and Employee Performance: A Conceptual framework	(79) Enhancing Job Satisfaction in the Remote Context: The Roles of Digital HRM and Work-Life Balance
Author	Nguyen Nhut Phuong Uyen Ha Thanh Nga Pham Mong Nhat Tan Pham	Quan H N Tran Krista Jaakson Maaja Vadi	Rabiu Hassan Murtala Aminu Ibrahim Fatima Ibrahim	Nguyen Tu Lan Anh Ha Thanh Nga Tran Hoang Tuan Nhat Tan Pham
Discussant	Quan H N Tran	Nguyen Nhut Phuong Uyen Ha Thanh Nga Pham Mong Nhat Tan Pham	Nguyen Tu Lan Anh Ha Thanh Nga Tran Hoang Tuan Nhat Tan Pham	Rabiu Hassan Murtala Aminu Ibrahim Fatima Ibrahim

16:30 – 18:20 (GMT + 7)	16:30 - 16:50	16:50 - 17:10	17:10 - 17:30	17:30 - 17:50	17:50 - 18:10
Session 27B-12 Covid-19 Pandemic and Impacts Session Chair: Harvey Nguyen ACBES Coordinator: Nguyen Trung Thong	(63) Exchange Rates and Capital Flows in Emerging Economies: The Impact of Covid-19	(81) Mobile Banking: An Analytical Study on Aftermath COVID-19 and Gratification from the Aspect of KANO Model	(106) MAX in a Frontier Market Before and During COVID-19 Pandemic	(109) Impact of Covid-19 Pandemic on Network of Asian Stock Markets	(105) Vietnam Financial Market: Inside the Gold- Stock-Bond Relationship under Implications of COVID-19 Pandemic
Author	Thong Trung Nguyen	Gaikar Vilas B Bhadane Jaywant Joshi Bharat M.	Qui Nhat Nguyen Truong Vinh Le Khoa Dang Duong	Gaurav Kumar Mihir Lakhotia Nalini Tripathi Bhahmdev Panda	Le Van
Discussant	Gaikar Vilas B Bhadane Jaywant Joshi Bharat M.	Qui Nhat Nguyen Truong Vinh Le Khoa Dang Duong	Gaurav Kumar Mihir Lakhotia Nalini Tripathi Bhahmdev Panda	Le Van	Thong Trung Nguyen

	ACBES 2021   Saturday, August 28, 2021					
08:45 – 09:00 (GMT + 7)	Information for the second day Actes					
00-00 10-20 (CNIT + 7)		PARALL	EL SESSIONS			
09:00 – 10:30 (GMT + 7)	09:00 – 09:20	09:20 - 09:40	09:40 – 10:00	10:00 - 10:20		
Session 28-1 Corporate Finance II Session Chair: Dao Le Trang Anh ACBES Coordinator: Duong Duy	(117) Start-ups Financing: Is the Busiest Place the Most Successful Place?	(112) Employee Welfare and Firm Financial Performance Revisited	(29) Vietnam Listed Company Awards and Firm Performance	(76) Debt Maturity, Asymmetric Information and Financial Reporting Quality in Vietnam		
Author	Nguyen Thi Hanh	Duc Nguyen Nguyen Quang-Thai Truong	Cameron Truong Hanh Minh Thai Nguyen Thi Phuong Dung Dang Ngoc Khue	Thu Huong Pham		
Discussant	Thu Huong Pham	Nguyen Thi Hanh	Duc Nguyen Nguyen Quang-Thai Truong	Cameron Truong Hanh Minh Thai Nguyen Thi Phuong Dung Dang Ngoc Khue		

Session 28-2 Corporate Governance Session Chair: Anh Tuan Le ACBES Coordinator: Huynh Ngoc Quang Anh	(42) Does Board Tenure Diversity Drive Investment Efficiency? An International Perspective	(98) Board Composition and Risk Taking after the Financial Crisis – Evidence from U.S. Banks	(48) CEO Overconfidence and Future Firm Performance: A Moderated-Mediation Analysis with Empirical Evidence in France	(88) Determinants of Bank Risk- taking Behavior: Do Strategic Interactions Matter?
Author	Anh-Tuan Le Thao Tran Phuong	Tu Thi Thanh Tran Minh Hong Nguyen Dong Phuong Dao Linh Khanh Nguyen	Thi Mai Nguyen Khanh Tin Nguyen	Huong Nguyen Le Quynh Thai Vu Hong Nguyen Christophe Schinckus
Discussant	Thi Mai Nguyen Khanh Tin Nguyen	Anh-Tuan Le Thao Tran Phuong	Huong Nguyen Le Quynh Thai Vu Hong Nguyen Christophe Schinckus	Tu Thi Thanh Tran Minh Hong Nguyen Dong Phuong Dao Linh Khanh Nguyen
Session 28-3 Financial Development and Public Policy II Session Chair: Nguyen Trong Hoai ACBES Coordinator: Phan Chung Thuy	(35) RMB's Inclusion into SDR and the Impossible Trinity in China	(54) FDI Determinants: Does Sub- national Institution Matter? Evidence from Vietnam	(61) Land Disputes in Vietnam: The Role of Fiscal Decentralization and Foreign Direct Investment	(62) FDI and Air Pollution in Developing Countries: The Roles of Institution and Fiscal Policy
Author	Ling Feng Duong Thuy Le Fan Yuan	Viet Hoang Dinh Nguyet Minh Nguyen	Gia Luat Diep Trung Kien Tran	Trung Kien Tran
Discussant	Trung Kien Tran	Gia Luat Diep Trung Kien Tran	Viet Hoang Dinh Nguyet Minh Nguyen	Ling Feng Duong Thuy Le Fan Yuan

Session 28-4 Financial Markets II Session Chair: Huong Trang Kim ACBES Coordinator: Phan Dang Bao Anh	(72) Does Stock Market Care about Climate Change? An Approach from the Impact of Media	(92) Dynamic Spillover Effect and Hedging between the Gold Price and Key Financial Assets. New Evidence from Vietnam	(104) Call Option Pricing Model and Recovery Theorem: A Specific Case of Pricing Warrants	(115) Vietnam Diplomatic Events and Stock Market: Event Research and Spread Effects from TVP-VAR Dynamic Connectedness Model
Author	Minh Nhat Nguyen Ruipeng Liu	Ngo Thai Hung	Vu Huy Hoang Nakajima Katsushi	Duc Van Nguyen Hoa Khanh Tran Kiet Tan Nguyen Nhat Quang Phung
Discussant	Vu Huy Hoang Nakajima Katsushi	Duc Van Nguyen Hoa Khanh Tran Kiet Tan Nguyen Nhat Quang Phung	Ngo Thai Hung	Minh Nhat Nguyen Ruipeng Liu
Session 28-5 Educational Business Session Chair: Nguyen Van Dung ACBES Coordinator: Tran Thi Tuan Anh	(19) Is a Livable City Associated with a Suited Place for Higher Education? The Case of Danang city, Vietnam	(60) The Effect of Service Quality and Perceived Value on Student Satisfaction. A Case Study of Higher Education in Vietnam	(2) Community Extension Service of a Philippine Private University: Impact to Beneficiary's Quality of Life	(108) The Influence of Service Value on Customer Satisfaction: Evidence from Higher Education Service in Vietnam
Author	Van-Anh T. Truong	Vu Tuan Duong Thi My Nguyet Nguyen	Flormando P. Baldovino Angelita C. Tan Carmen A. Aldovino	Vu Tuan Duong
Discussant	Vu Tuan Duong Thi My Nguyet Nguyen	Van-Anh T. Truong	Vu Tuan Duong	Flormando P. Baldovino Angelita C. Tan Carmen A. Aldovino

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Session 28-6 Technological, Green, and Growing Economy Session Chair: Nguyen Truong Toan ACBES Coordinator: Nguyen Trung Thong	(7) Determinants of FDI Inflows: Sectoral Evidence of Financial and Technological Development	(73) Logistics Performance and CO2 and non-CO2 Emissions: Evidence from Asian Countries	(86) Do Green Growth and Technological Innovation Matter to Infrastructure Investment? Global Evidence	(26) Total Factor Productivity Growth of Vietnamese Enterprises by Sectors and Regions: Evidence from Panel Data Analysis
Author	Nadia Doytch Canh Phuc Nguyen	Son H. Nguyen Hoa M. Chung Hang M. Le Dung H. Nguyen	Hai Hong Trinh Graham Squires Michael McCord Daniel Lo	Quang Hai Nguyen
Discussant	Son H. Nguyen Hoa M. Chung Hang M. Le Dung H. Nguyen	Nadia Doytch Canh Phuc Nguyen	Quang Hai Nguyen	Hai Hong Trinh Graham Squires Michael McCord Daniel Lo
Session 28-7 Tourism and Cultural Economics Session Chair: Nguyen Luu Bao Doan ACBES Coordinator: Pham To Thuc Han	(25) The Role of Tourism Infrastructure Development Investment in Attracting International Tourists: Evidence from Empirical Research in Vietnam	(27) Colonial Heritage Building in Bandung City, Indonesia and Can Tho City, Vietnam, as a Tourism Business Potential: A Comparative Study	(66) Hometown and Organisational Commitment under the Institutional Change: The Case of Vietnam	
Author	Thoa Thi Kim Hoang Hoang Thi Kim Thoa	Henry Loupias Nguyen Thi Be Ba Marhanani Tri Astuti Lelo Sintani Darwin Simanjuntak	Ha Ngan Nguyen Sidsel Grimstad	
Discussant	Ha Ngan Nguyen Sidsel Grimstad	Thoa Thi Kim Hoang Hoang Thi Kim Thoa	Henry Loupias Nguyen Thi Be Ba Marhanani Tri Astuti Lelo Sintani Darwin Simanjuntak	

Session 28-8 Behavioural and Green Finance I Session Chair: Khanh Hoang ACBES Coordinator: Huynh Thien Tu	(77) Insider Signalling or Opportunism: An Investigation of Repurchase Activity	(71) Does Going Green Pay when Disaster Strikes? An Analysis of COVID-19 Pandemic	(93) Silent but Deadly: Political Corruption and Voluntary ESG Disclosure in the United States	
Author	Ly Thi Hai Tran Thao Thi Phuong Hoang Tuan Ho	Marty Pham Anh Viet Pham Harvey Nguyen Mia Hang Pham	Khanh Hoang	
Discussant	Khanh Hoang	Ly Thi Hai Tran Thao Thi Phuong Hoang Tuan Ho	Marty Pham Anh Viet Pham Harvey Nguyen Mia Hang Pham	
Session 28-9 Feminist and Food Economics Session Chair: Tran Tien Khai ACBES Coordinator: Le Thuy Khanh	(51) Can Government Find the "Missing Women" in the Indian Workforce? An Analysis of Impact of Government Expenditure on Bridging the Gender Gap in Labour Supply	(10) Sexual Orientations and Sexual Harassment: Evidence from Vietnamese Urban Workers	(43) The Influence of Food Vlog on Dining Intentions of Ho Chi Minh City's Citizens	(58) Basic Psychological Needs as Drivers of Halal Food Purchase Intention
Author	Kashish Gupta Riya Mathur	Pham Xuan Quyet Ho Viet Tien	Ngo Vu Quynh Thi Ngo Anh Phung	Sumera Syed Fauziah Sh. Ahmad Syed Rashid Hussain Shah
Discussant	Sumera Syed Fauziah Sh. Ahmad Syed Rashid Hussain Shah	Kashish Gupta Riya Mathur	Pham Xuan Quyet Ho Viet Tien	Ngo Vu Quynh Thi Ngo Anh Phung

09:00 – 10:40 (GMT + 7)	09:00 - 09:20	09:20 - 09:40	09:40	- 10:00	10:00 - 10:20	10:20 - 10:40
Session 28-10 Education Economics Session Chair: Vo Tat Thang ACBES Coordinator: Le Nhat Hanh	(5) Education and Risk Attitudes: Evidence from Vietnam	(74) The Effect of Fertility Rate and Education on Female Labour Force Participation: An ARDL Approach	(16) The Impact of Tuition Fee Exemption and Reduction Policy on Schooling Enrolment of Vietnamese Children		(18) The Role of Human Capital and Higher Education in the Context of Indonesia's Economic Growth: A Challenge in Facing the Industrial Revolution 4.0	(56) Lifelong Learning Intention of Adults in the Industry 4.0: Business Sectors Perspective
Author	Dai Binh Tran Hanh Thi My Tran	Muskan Aggarwal	Le Huu Tuan Anh Ho Nguyen Thai Bao Ngo Thi Thien Thao Luong Vinh Quoc Duy		Retno Purwani Setyaningrum Subhan Ondang Surjana Siti Nurhasanah SM	Dau Thi Kim Thoa Tran Thi Phuong Thanh Pham Tra Lam
Discussant	Dau Thi Kim Thoa Tran Thi Phuong Thanh Pham Tra Lam	Dai Binh Tran Hanh Thi My Tran	Muskan Aggarwal		Le Huu Tuan Anh Ho Nguyen Thai Bao Ngo Thi Thien Thao Luong Vinh Quoc Duy	Retno Purwani Setyaningrum Subhan Ondang Surjana Siti Nurhasanah SM
		ACBES 2021   Sa	aturday, Au	igust 28, 20	21	
11:00 (GMT + 7) (16:00 – New Zealand Time)	Topic: "Amiomio Āot of New Zealand"	earoa: A Circular Economy for t	he Wellbeing		aker: <b>Les Oxley</b> (University of Waik Nguyen Trong Hoai (UEH, Vietnam)	
13:00 (GMT + 7) (08:00 – Norway Time)	Topic: "The Globaliz and Policy"	Topic: "The Globalization of Chinese Capital: Theory, Practice and Policy"			aker <b>: Ilan Alon</b> (University of Agder Kun Duan (Huazhong University of	
14:30 (GMT + 7) (08:30 – UK Time)	Topic: "The Dynamics of Financial Policies and Group Decisions in Private Firms"				aker: <mark>Bart Lambrecht</mark> (University of <b>Vo Xuan Vinh</b> (UEH, Vietnam)	<sup>f</sup> Cambridge, UK)
16:00 (GMT + 7)	Research Awards ACBES 2021: Closing	Research Awards ACBES 2021: Closing Ceremony				

ACBES 2021 COMMITTEE

### A Statement from Prof. Su Dinh Thanh

President of UEH

Greeting from the University of Economics Ho Chi Minh City,

I am Professor Su Dinh Thanh, President of UEH. It is very exciting to be here with you for the opening ceremony of ACBES 2021. ACBES 2021 is the third international conference held by the Journal of Asian Business and Economic Studies (JABES), co-organized with Lincoln University, New Zealand, sponsored by the University of Economics Ho Chi Minh City, International School of Business (ISB), and French Vietnamese Center of Management (CFVG). The ACBES 2021 is welcomed by our prestigious partners such as Taylor's University (Malaysia), Emerging Markets Society (United States), and Centre for Industrial Revolution and Innovation (CIRI).

From an internationalization perspective, UEH has given a high priority to academic research and international cooperation. UEH's JABES is growing to be likely listed in SCOPUS/ISI/ABDC and other high-quality indexes. Compared to two conferences in the past, the ACBES 2021 has attracted more and more famous scholars, and numerous quality articles have been published on JABES by Emerald Publishing Group.

At the ACBES 2021, active and lively discussions are expected among paper presenters and other participants. There will also be intriguing keynote speeches by renowned scholars and workshops for empirical/econometric methods and psychological /experimental methods. The ACBES 2021 is an achievement of JABES and UEH in the context of the COVID-19 pandemic. The success of ACBES 2021 in such a context will strengthen the academic position of UEH as well as JABES, which then attracts more quality articles and other prestigious international scholars.

## A Greeting from Prof. Nguyen Trong Hoai

Chairman of the Conference

Greeting from the Journal of Asian Business and Economic Studies, the organizer of ACBES 2021. I am Prof. Nguyen Trong Hoai, Editor-in-Chief of JABES as well as Chairman of the Conference.

We welcome all keynote speakers, participants, especially authors who submitted your manuscript to ACBES 2021. ACBES 2021 being the third international conference has been organized by JABES which has been indexed recently in ESCI and hopefully being indexed in Scopus/ISI/ABDC in the future. With numerous difficulties under the COVID-19 circumstances, ACBES 2021 has been organized completely online with the co-organization of our new partner Lincoln University, New Zealand. That was a great dedication from the JABES team to continue bringing an academic environment to all scholars not only in Asia but also in the world.

Since the end of 2020, JABES has called for papers from our email database as well as our academic network. Interestingly, JABES has been provided some good statistics for ACBES 2021. There was a total of 225 submissions, after the rigorous review process, only 118 accepted manuscripts equivalent to 52.4%. With 118 accepted manuscripts, we have 58 manuscripts from outside Vietnam equivalent to approximately 50%. There are also a total of more than 250 participants, especially is 4 renowned keynote speakers, 2 special workshop training speakers, 173 registered authors. These authors come from over 30 countries around the world with various topics and affiliations.

By this chance, we would like to express our deep thank you to all the participants, especially to our excellent keynote speakers, our partners, our warm sponsors like ISB and CFVG, our chairs and coordinators. Your special interest and great contribution facilitate the success of ACBES 2021.

## Keynote Speaker: Prof. Bart Lambretch

Judge Business School, University of Cambridge, United Kingdom Director of the Cambridge Endowment for Research in Finance (CERF) Former Editor of the Journal of Corporate Finance Associate Editor of the Journal of Banking and Finance Member of the editorial board of the Journal of Business Finance & Accounting

### **Topic: The Dynamics of Financial Policies and Group Decisions in Private Firms**

"We model a private firm founded and run by a group of investors with heterogeneous capital contributions and risk preferences who decide on the firm's financial policies and governance. Investors' optimal claims resemble preferred stock with heterogeneous dividend caps, and common stock. Cashflow rights and control rights are separated and time-varying. The optimal investment policy is a time-varying weighted average of investors' optimal policies and converges to the policy of the least (most) risk averse investor in booms (recessions). Optimal leverage is procyclical. The dynamic financial policies and diversity in equity claims resolve investors' diverging preferences and inability to trade."

## Keynote Speaker: Prof. Carlos Alós-Ferrer

NOMIS Professor for Decision and Neuroeconomic Theory at the University of Zurich, Switzerland Editor-in-Chief of the Journal of Economic Psychology

### **Topic: Stochastic Choice: Psychological Foundations and Economic Consequences**

Choice is stochastic, meaning that people frequently make different decisions when confronted with the same choice twice. However, for binary choice, there are empirical regularities which relate choice frequencies and response times to underlying differences in decision values, known as psychometric and chronometric effects. This talk reviews the psychological foundations of stochastic choice and showcases recent developments in neuroeconomics and behavioral economics. The latter include how to use response times to reveal preferences, and how to understand classical preference reversals in decisions under risk.

### Keynote Speaker: Prof. Les Oxley

University of Waikato, New Zealand Co-Director of Responsible and Sustainable Management Unit, New Zealand Institute for Business Research Co-Editor-in-Chief of the Journal of Economic Surveys

### Topic: Amiomio Āotearoa: A Circular Economy for the Wellbeing of New Zealand

The Government of New Zealand is committed to making a just transition to a lowemissions economy, to lead by example, and minimise New Zealand's contribution to climate change. The transition to a Circular Economy (CE) presents a major opportunity to improve New Zealand's long-term competitiveness and create value in various sectors of the economy. The work presented here illustrates progress that is being made to provide the necessary research and evidence base to support and inform policy decisions required for transition to a sustainable, low emissions and climate resilient future.

Āmiomio Aotearoa (AA) is a transdisciplinary, multi-partner research project funded by the New Zealand, Ministry for Business, Innovation and Employment (MBIE) and hosted by the University of Waikato. Āmiomio Aotearoa is a novel socio-economic concept that brings together Mātauranga Māori and western science, that aims to move beyond linear extractproduce-use-dispose material and energy flow models in order to optimise the value and use of products, components and materials over time.

To summarise, AA puts CE into a NZ context by providing a theoretical model that links CE concepts with those of sustainable development and intertemporal measures of wellbeing. Such concepts are shaped by both founding cultures' – Māori and NZ European – philosophies and values. Our research will provide the 'missing theoretical linkages' between CE (the instrument or tool) and sustainable development (the goal). Creating a CE concept that has a well-grounded theory in sustainable development and wellbeing is critical for CE to be a driver for a more sustainable society that fits with current NZ Government strategies and priorities, e.g. the NZ Tresury's Living Standards Framework.

The Āmiomio Aotearoa research programme is co-designed and delivered with key NZ material intensive sectors, e.g. building and construction, packaging and will develop CE based solutions to NZs most unsustainable materials processes, such as agrichemicals and packaging, refrigerants, tyres, electrical and electronic products (e-waste), farm plastics, and packaging as identified by national and regional government. Our research will create research outputs that can provide evidence for and support NZ's socio-technical transitions to a circular economy.

## Keynote Speaker: Prof. Ilan Alon

University of Agder (Norway) Editor-in-Chief of International Journal of Emerging Markets

### Topic: The Globalization of Chinese Capital: Theory, Practice and Policy

Chinese capital flows are growing and challenging American and Western ones in recent years, especially in the advent of the Belt and Road Initiative. I will review the evolution of Chinese OFDI and in particular the dominant explanations and approaches, data and trends and policy implications.

## **ACBES 2021 KEYNOTE SPEAKERS**

### **PROF. BART LAMBRECHT**

Judge Business School, University of Cambridge (United Kingdom)

Director of the Cambridge Centre for Finance (CCFin)

Director of the Cambridge Endowment for Research in Finance (CERF)

Former Editor of the Journal of Corporate Finance

Associate Editor of the Journal of Banking and Finance

Member of the Editorial Board of the Journal of Business Finance & Accounting

### **PROF. CARLOS ALÓS-FERRER**

NOMIS Professor for Decision and Neuroeconomic Theory at the University of Zurich (Switzerland) Editor in Chief of the Journal of Economic Psychology (ABDC: A)

### **PROF. LES OXLEY**

Professor of Economics, The University of Waikato (New Zealand)

Co-Director of Responsible and Sustainable Management Unit – New Zealand Institute for Business Research

Co-Editor-in-Chief of the Journal of Economic Surveys

### **PROF. ILAN ALON**

University of Agder (Norway) Editor-in-Chief of International Journal of Emerging Markets

## SPECIAL WORKSHOP TRAINING SPEAKERS

### **PROF. SCOTT CUNNINGHAM**

Editor-in-Chief of Technological Forecasting and Social Changes

## PROF. WOLFGANG GLÄNZEL

Editor-in-Chief of Scientometrics

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Peter G. Szilagyi

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### **Thomas Wolke**

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### Jeff Wongchoti

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### **Binh Tran-Nam**

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ISBN: 978-604-922-989-3

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ISBN: 978-604-922-989-3

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Session 27A-1

## LAW AND REGULATIONS

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# Wide Implications of the Decree 10/2020/NĐ-CP Re the Development of the "Sharing" Economy and Consumer Protection in the Economy: An Unwelcomed and Visionless Paternalism?

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### Abstract

Revolution 4.0 brings about structural changes in global and local societal structures by transforming labour means and business structures. It creates the so-called 'sharing' economy, in which business models differ from traditional ones. Dealing with it requires states to have appropriate policies and implement such, but it is challenging due to the amorphous shape of business. Among questions, the preliminary and vital one is whether a laissez-faire or paternalism approach is demanded?

The technology car and bike business model are among the most eminent models in the 'sharing' economy, especially in Vietnam. For long, it has been an uneasy task in finding appropriate treatment with these models due to the complicated questions concerning consumer protection. Recently, in 2020, the Vietnamese Government has promulgated the Decree 10/2020/NĐ-CP expressing the Government's official approach towards the technology car model.

Considering its pioneering in addressing issues related to the collaborative economy, this paper aims at analyzing this legal document and looking at its overarching implications re the development of collaborative economy and consumer protection. In criticizing the Decree, this paper shall deploy statutory interpretation and interdisciplinary methods by taking the perspective of economics and philosophy. Among conclusions, this paper argues the most notable unfortunate of this Decree is that by setting strict regulations that assimilate collaborative economy business models with a traditional one, the Decree harms both the development of the collaborative economy by eliminating a soil for its growth and consumers' welfare by reducing their choice.

**Keywords:** Regulated Industries and Administrative Law; Consumer Protection; Collaborative Economy; Decree 10/2020/NĐ-CP; Technology Car; E-Commerce.

## Identifying the Transformation of Industrial Labor Relationship

## Legal Challenges for Vietnam

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### Abstract

Current Vietnamese law stipulates that "Labor relations are social relations that arise in hiring, employing employees, and paying wages between employees and employers" (Clause 6, Article 3 Labor Code 2012). This regulation requires two factors to determine employment relations, that is, hiring of labor (i) and payment of wages (ii) between the parties. While the same law stipulates that "Wages are the amount of money the employer pays to employees to perform the agreed work" (Clause 1, Article 90 of the Labor Code 2012). These provisions are quite ambiguous in identifying the labor law relations arising in practice and are even more helpless in the context of changes to this type of relationship due to the impact of the public revolution industry 4.0. The paper analyzes the limitations of Vietnamese law in defining labor relations as well as proposing changes and solutions for Vietnamese law to better suit the new context.

Keywords: Labor Relations; Industrial Revolution.

# Contractual Analysis of Reward-Based Crowdfunding and Legal Frameworks for Backer Protection: Lessons for Vietnam

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### Abstract

Reward-based crowdfunding is considered one of the most popular non-investment crowdfunding. It has been widely used by small and medium enterprises to seek funds for their campaigns and offer pre-sale products to financial supporters as potential consumers. However, backers usually suffer from the delay of delivery or non-delivery and even fraud in some cases. The paper discusses specific features of reward-based crowdfunding as alternative financing for business and a method providing special offers for early birds. It analyses the contractual relationship between the project creator and backers by defining the rights and obligations of each party. In addition, the paper points out the regulatory framework to protect backers under consumer protection regulation and makes some suggestions related to the building of a regulatory sandbox for the operation of reward-based crowdfunding.

**Keywords:** Backer Protection; Consumer Protection; Contract Law; Pre-Sale; Reward-Based Crowdfunding.

# Session 27A-2

## **MARKETING I**

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# "Killing Two Birds with One Stone": The Dual Effect of Nostalgic Advertising in Corporate Social Marketing

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### Abstract

This study aims to examine the dual effect of nostalgic advertising on both customer-based brand equity and pro-social/environmental behaviors (i.e., bring your own bag - BYOB), and its mechanisms in the context of corporate social marketing (CSM) in retail supermarkets. Drawing on the Construal Level Theory and the concept of Sense of Meaning, we develop a conceptual model and conduct a quantitative survey on a sample of 299 university students. Using PLS-SEM to analyze the data, we find that nostalgia evoked by CSM advertising indirectly influences both brand equity and consumers' BYOB intention through brand attachment, brand iconness, brand authenticity, and subsequently a sense of meaning, thus verifying its dual effect. Importantly, the sense of meaning plays an important role in connecting ad-evoked nostalgia and brand equity, a relationship that has been understudied previously. These findings contribute to the nostalgic marketing and corporate social marketing literature and offer suggestions on how to leverage customers' nostalgia feelings to achieve better commercial and social outcomes for businesses and organizations.

**Keywords:** Nostalgia; Corporate Social Marketing; BYOB; Brand Equity; Construal Level Theory; Sense of Meaning.

## The Role of Social Media on Impulse Buying

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### Abstract

The frequent exposure to the internet gave easy access to people in utilizing different social media and e-commerce platforms readily available in just a few clicks and swipe. With social media usage, playing a big part in our day-to-day activity, this research study aims to dig deeper and determine the highly influential playing variables of it that make impulsive purchasing happen among the shoppers. The study used quantitative approach specifically correlation analysis and regression analysis. Self made questionnaire which was tested to determine its validity and reliability was distributed to 151 respondents who engage in impulsive buying. The results revealed that social media usage, influential people on the internet, and hedonic value have a significant positive correlation with impulsive buying behavior. Utilitarian value on the other hand correlates negatively with the impulsive purchase act.

**Keywords:** Consumer Behavior; Hedonic Value; Online Impulsive Buying; Social Media Usage.

# Session 27A-3

## **MARKETING II**

## Ho Viet Tien

Session Chair

University of Economics Ho Chi Minh City, Vietnam

## Le Thuy Khanh

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

# The Moderating Effect of Corporate Social Responsibility on Brand Reputation - Brand Equity Relationship: Evidence from Vietnam

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### Abstract

*Purpose:* The purpose of this paper is to investigate the moderating effect of corporate social responsibility on the relationship between brand reputation and brand equity in the retailing industry.

*Design/methodology/approach:* Via an empirical analysis through surveying customers, this paper assesses and confirms the enabling role of corporate social responsibility on the brand reputation - brand equity link within the context of the retailing sector in Vietnam.

*Findings:* The findings highlight the significance of brand reputation on brand equity and the moderating impact of the economic, ethical and philanthropic dimensions of corporate social responsibility on translating brand reputation into brand equity.

*Originality/Value:* From a theoretical perspective, comprehending customer perception of corporate social responsibility and its impact om firm performance has emerged as an important theme in recent literature as well as in practitioners' reports. Hence, the meaningful contribution of this study is the involvement in the stream of studies into the logic shift from considering CSR as a driver to an enabler for firm performance. From the managerial perspective, this study offers guidance to retailers or managers about developing a successful CSR strategy to improve brand equity from the customers' perspective.

Keywords: CSR; Brand Reputation; Brand Equity; CFA; Retailers.

# Association between CSR and Marketing to Accelerate Labor Innovation of Food Processing SMEs in Vietnam: An Approach on Endogeneity of Networking

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### Abstract

Applying the extended regression model on the sample of 2,649 SMEs in Vietnam, the results found are very interesting: (i) Networking plays an endogenous role in influencing the positive impact of CSR and marketing on labor innovation of SMEs; (ii) The increased number of communication of SME owner to stakeholders creates positive opportunities for labor innovation, which it is not excluded enterprises with long or short length of stay in market; (iii) Due to financial conditions SMEs have a mixed investment between CSR and marketing. That is, if CSR gets more attention, marketing investment will decrease, or marketing gets more attention, CSR will get less investment; (iv) The role of the endogenous variable of networking is seen more clearly for SMEs with large labor size manufacturing enterprises, which the sector of food industry SMEs are taken into.

Keywords: Networking; CSR; Marketing; Labor Innovation.

# Identifying Literature Gap of Mediating Role of PsyCAP in Developing Sustainable Competitive Advantage

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### Abstract

The Psychological Capital (PsyCAP) was derived from the Positive Psychological Movement by Seligman and Csikszentmihalyi which was developed on the basis that human strengths can be used effectively to gain success at individual as well in organizational levels. Luthans, and Youssef deduced that human resources are crucial to organizational success and suggested it offer the best return on investment for Sustainable Competitive Advantage of an organization. One of the important features of PsyCAP is all of its four constitutes, self-efficacy, hope, optimism and resilience has a huge potential to be developed. Further these constitutes can be measured scientifically. Therefore, the PsyCAP can be used as a valuable higher order construct which can be used to measure the effectiveness of employee trainings. The literature show that PsyCAP has widely been used as Mediator and Moderator in business research. The mediation and moderation are commonly used in Strategic Management research The main aim of this study is to identify the mediation effect of the PsyCAP in the business research. The literature show that, the Independent Variable (IV) used by most of the researches in order to analyses the mediation effect of PsyCAP can be categorized into three groups; Leadership, Organizational Environment, and Work Life balance. Next it is observed that very few studies have used SCA related constructs as the Dependent Variable (DV). The reason being many of the researches, who studied mediator role of PsyCAP have used personnel level constructs as the DV. It is observed that there is a gap in research on the mediation effect of the PsyCAP on the organizational level indicators, specially on Sustainable Competitive Advantage (SCA). This review attempted to set the background for researches who interested in doing research on organizational SCA with a rich literature review on the role of PsyCAP as a mediator on organizational outcomes.

**Keywords:** Psychological Capital (PsyCAP); Sustainable Competitive Advantage (SCA); Mediator.

# Food Waste Behavior and Management at Household Level: A Preliminary Study in Ho Chi Minh City

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### Abstract

Food waste represents about 25% of total production volume (FAO, 2013). At the upstream of food supply chain, food waste can be occurred during agricultural production, postharvest handling and storage. The rest of food waste is generated at downstream, including in retailing shops, supermarkets and consummation in families. When food waste was still moving in enterprises' flow at upstream stages, the food waste management has had many progress thank to regulations more and more strict since recent years and to CSR policies of enterprises. But it is still a huge open problem at downstream, especially at families, because in families, food waste depends on household behavior and practice, individual behavior and it is out of control of all enterprises. Thi, N.B.D. et al. (2018) stated that a majority of solid waste in city comes from families and a majority of families' solid waste is food waste, about 1kg/person/day in average in Ho Chi Minh City for example. Therefore, this study has intention to investigate households' behaviors and practices on food waste in Ho Chi Minh City, from their habits of planning to shopping, storing, cooking, eating, managing leftovers, redistribution and assessing edibility... Based on those surveys' result, this study would conduct qualitative interviews with business people and policy makers about eventual appropriate change of food waste management at business level and at city level as well, and how to change citizen's behavior on food waste in a positive way for a city's green and sustainable development in the future.

Keywords: Food waste; Food waste management; Household behavior and practice.

Session 27A-4

## **MACROECONOMICS AND POLICIES**

### Hoang-Anh Ho

Session Chair

University of Economics Ho Chi Minh City, Vietnam

## **Quach Doanh Nghiep**

ACBES Coordinator

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# Factors Influencing Hochiminh City Based Inland Clearance Depots' Competitive Advantage

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### Abstract

With the advantage of geographical location and convenient transportation system, connecting domestic and international localities, Ho Chi Minh City has good conditions to become a logistics service center in the Southern Vietnam. Thereby bringing great added value to the city's economy. In the context that many key export industries tend to move to other localities, Ho Chi Minh City needs to become a focal point in the field of logistics services to maintain its position as an economic locomotive. The city is planning a strategy to develop logistics into a spearhead service industry not only of the city but also of the whole region, contributing to reducing Vietnam's logistics costs to 16% of GDP by 2025. Currently, the city has 6 ICD system but 5/6 has decided to relocate and has exceeded the design capacity. Accordingly, this study identifies the factors affecting the competitive advantage of ICDs in Ho Chi Minh City in order to help the city become a focal point in the field of logistics, reducing logistics costs in the transport supply chain through the Southeast region, bringing benefits not only to the city, the region but also to the country. The survey sample was collected from 185 enterprises using ICDs in Ho Chi Minh City. The data is processed by SPSS 20 software. Through the study, it is concluded that there are three factors, including: capacity to connect transport infrastructure, capacity to operate container cargo, capacity to coordinate modes of transport, affecting the competitive advantage of ICDs in this region. On that basis, the article provides some governance implications and proposed measures for ICDs in Ho Chi Minh City.

Keywords: Competitive Advantage; ICD; Ho Chi Minh City; Seaport.

### Assessing the Effects of EVFTA on Vietnam's Import of Dairy Products from the EU

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#### Abstract

This paper adopts Software on Market Analysis and Restrictions on Trade (SMART) which is a popular partial equilibrium model to estimate the ex-ante effects of the tariff elimination under the Vietnam-European Free Trade Agreement (EVFTA) on Vietnam's imports for milk and dairy products from the EU at HS 4-digits level. Two scenarios were constructed to examine the impacts of EVFTA separately and in combination with other FTAs (CPTPP and RCEP) on dairy imports of Vietnam from the EU. The findings show that the tariff reduction for milk and dairy products from the EU under EVFTA will lead to an increase in the imports of Vietnam regardless of the integration to the CPTPP and RCEP. Besides, Vietnam's additional dairy import from the EU is expected to distribute unevenly by nations, and by groups of dairy products. Furthermore, the higher proportion of trade creation in total trade effects implies the improvement of Vietnam's welfare in the dairy sector. The findings enable government and businesses to prepare well and to optimize the potential impacts of EVFTA on Vietnam's dairy imports and dairy industry.

**Keywords:** EVFTA; Import of Milk and Dairy Products; FTA Impact Assessment; SMART Model.

### East and Southeast Asian Countries Lesson: How Important are Internet Usage, Trademark and Patent Applications on National Growth?

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#### Abstract

This study examines the effect of internet usage, trademark and patent applications on economic growth in East and Southeast Asian countries. This study utilizes data from 2000 to 2019 and divided into high-income countries (Japan, Singapore and South Korea) and middle-income countries (China, Indonesia, Malaysia, Philippines and Thailand).

This study presents sophisticated results by employing first- and second-generation cointegration tests, followed by FMOLS, DOLS and AMG estimation as robustness tests, to address diverse economic and econometric issues such as heterogeneity, endogeneity, and cross-sectional dependence.

The results illustrate that panel cointegration tests present a cointegration relationship between the variables. Additionally, the estimation results reveal some significant findings. First, the high-income countries have achieved positive and significant economic development from high internet penetration, while middle-income countries have only started to benefit from internet diffusion, as this variable's effects on economic growth are relatively low. Second, trademark and patent applications have higher impact on the economic growth of high-income countries. Interestingly, these variables illustrate lower effect on economic growth in middleincome countries. Third, as trademark and patent applications increase, internet penetration improves economic growth more in high-income countries than in middle-income countries.

In high-income ASEAN5+3 countries, appropriate policies will support feasible internet penetration, trademark and patent applications may boost economic growth. Moreover, in middle-income countries, enhancing internet infrastructure and establishing better service quality are critical. Therefore, this study reveals that high-income ASEAN5+3 countries have been more proactive and effective than middle-income countries in developing internet diffusion, trademark and patent applications to promote economic growth.

Keywords: Internet Usage; Innovation; Economic Growth; Asia.

### Tying Peasants to Their Land: The Rise and Fall of Private Property Rights in Historical Vietnam

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#### Abstract

I present a theory in which the state plays a central role in explaining the emergence of land rights in historical societies. The theory predicts that private ownership of land shrinks as population density increases. Exploiting a land registry in nineteenth-century Vietnam, I find empirical support for this prediction. Primary accounts and related historical studies also display that the mechanism at work is in line with the proposed theory. These results show that a strong state could reverse the general process in economic history whereby societies moved towards private land rights as population density increased and land became scarcer.

Keywords: Land Rights; Population Density; Historical Vietnam.



### TRADE, LOGISTICS, AND GROWTH

#### **Nguyen Dong Phong**

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### Trade Facilitation and Global Value Chain Participation: Cross-country Analysis

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#### Abstract

In this paper, we examine the role of trade facilitation in fostering firm participation in global value chains (GVCs). To achieve this objective, we use the World Bank Enterprise Survey database for 115 economies over 2006-2018. We employ four trade indicators: customs, regulation quality, loans, and digitalization indicators proxying for trade facilitation measures and correct for reverse causality using the instrumental variable technique. Our empirical findings highlight that customs have a negative impact on GVC participation of the firm. Further, adhering to government regulation, having access to loans, and digital communication adoption fosters supply chain integration of the firm. The present study also finds a favourable heterogenous effects of trade facilitation on GVC participation of less productive firms and larger firms employing more than 100 workers. Our findings are further robust to alternative methods of endogeneity correction and GVC definitions.

Keywords: Global Value Chains; Trade Facilitation; Customs.

### BIM-based Framework for Logistics Optimization in Construction Supply Chain with Agent-Based Modeling

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#### Abstract

This study proposes a BIM-based framework for logistics optimization in construction supply chain management with agent-based modeling to leverage the collaboration amongst the construction participants, and achieve the efficient logistics performance. Each construction participant uses the BIM-based data for the local optimization and evaluation of the quantitative and qualitative attributes, and then, follows the attribute-based negotiation process to achieve the global agreements for the construction logistics. The proposed framework can efficiently work in the conditions of the limited information sharing which is found in the construction practice. This can get over the limitations of previous studies which attempted to apply the concept of supply chain management for the decentralized and multi-enterprise oriented construction industry but ignored its manner. Since agent-based modeling leverages the multiattribute evaluation for the negotiation, it allows the agents to consider the attributes of uncertainties in the construction logistics.

Keywords: BIM; Construction Supply Chain; Logistics Optimization; Agent-Based Modeling.

### Philippine Conglomerates and their Role in Promoting Inclusive Development

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#### Abstract

Like those in many developing countries, Philippine conglomerates<sup>1</sup> have historically played an important role in national development. However, the extent to which Philippine conglomerates contribute to inclusive economic growth remains largely unmeasured and more so, unappreciated. It is in this context that our paper examines the performance and programs of fifteen large Philippine conglomerates whose value-added contribution to the economy was 6% of GDP in 2018. Note that these conglomerates are also the largest purchasers of intermediate goods and services, consuming 14.6% of the country's total intermediate inputs. While there is still much that need to be done, there are opportunities for conglomerates to expand or redesign existing "inclusive business" models, particularly with respect to micro, small, and medium enterprises.

Keywords: Conglomerates; Inclusive Development; Economic Growth; Sustainable Development.

<sup>&</sup>lt;sup>1</sup> In the Philippines, conglomerates are large corporations with diversified subsidiaries, generally contributing much to the country's economic footprint (Mendoza et al., 2018)

## Session 27A-6 COVID-19, PRODUCTION ECONOMICS

#### Le Quoc Hoi

Session Chair National Economics University, Vietnam

#### Phan Dang Bao Anh

ACBES Coordinator

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### Finding the Silver Linings in Times of Crisis: Crisis-coping Strategies Adopted by Food Manufacturing Firms in Sri Lanka during the COVID-19 Pandemic

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#### Abstract

The COVID-19 pandemic first broke out in Wuhan city in Hubei province of China and has been spreading in whole the world. It caused immense impact for global economy and affect divergently to the world of work. Due to strict regional lockdowns, the food manufacturing and logistics activities have been suspended. This is a key moment for the management to adopt new ways of doing things purely as a matter of survival. Therefore, the firms' management had to look at threats and opportunities in environment and have begun implementing new business strategies and actions during the COVID-19 pandemic. As a result of that the companies who respond the quickest to this crisis by formulating crisis-coping strategies, they all showed strong sales growth. This study aims to uncovers the crisis-coping strategies and actions adopted by Sri Lankan food manufacturing firms during the COVID-19 pandemic. We were able to discern crisis-coping strategies pertaining to core business process, including operation management, supply chain management, marketing and relationship management and human resource management. This study has followed the qualitative research approach and is inspired by the interpretivism research philosophy. Five Sri Lanka food manufacturing companies have been selected for the in-depth interview to satisfy the quest for this knowledge. The findings of this study will be a useful insights for the management, when formulating efficacious strategies and policies to cope with inevitable future crisis and offers a groundwork for further empirical studies.

**Keywords:** Covid-19; Business Strategies; Operation Management; Supply Chain Management; Marketing and Relationship Management; Human Resource Management.

### Technical Efficiency in Vietnamese Agricultural Production: A Bayesian Approach

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#### Abstract

Since agricultural production in Vietnam plays an important part in economy, there is a compelling interest in measuring and understanding efficiency in the pursuit of the government's objectives. This study is an attempt to use a stochastic frontier analysis (SFA) in Bayesian estimation to analyze the technical efficiency of Vietnamese agricultural production at household level. The estimation is conducted on cross-sectional data from the Vietnam Access to Resources Household Survey (VARHS) in the two year of 2012 and 2014. The results show that in the period of 2012 and 2014, the average technical efficiency in crop cultivation was 0.83 while in livestock and aquaculture the mean score was approximately 0.65 and 0.69 respectively. Agricultural production in Vietnam still has rooms to increase efficiency, indicating considerable scope for increasing output with the currently available inputs and existing technology.

**Keywords:** Technical Efficiency; Stochastic Frontier Analysis; Vietnam Agriculture Production; Bayesian Statistics.

### **"Working from Home" during COVID-19 Pandemic:** Life of Employed Women in Colombo District, Sri Lanka

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#### Abstract

The study is conducted to explore, 'how employed women have practiced 'working from home' during the pandemic in Colombo District, Sri Lanka'; by taking married and unmarried employed women as the sample. Qualitative approach has been used with judgemental sampling to conduct the study. Three married, employed women and three unmarried, employed women have been interviewed and analysed data thematically to present findings. The researchers has extracted four major themes; 'Challenges faced by employed women during COVID-19 pandemic while working from home', 'Distractions encountered by employed women', 'Benefits of WFH', 'Support of family members and company to the concept of working from home'. The findings have been presented by contrasting on two groups of married and unmarried, employed women.

Keywords: Working from Home; Employed Women; COVID-19 Pandemic; Colombo, Sri Lanka.

### Will Solar-powered Irrigation Generate Net Benefits?: A Case in Agusan del Sur, Southern Philippines

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#### Abstract

Since the 1970s, the real costs of irrigation systems, particularly in Asia, have been increasing mainly because of rising fuel and electricity costs. One solution by the Philippine Department of Agriculture (DA) is to establish local solar-powered irrigation systems (SPIS), which are clean irrigation system alternatives that are powered by solar energy. And that to successfully argue for the continued implementation of those alternatives, their financial viability is necessary to be established. In this study, the financial costs and benefits of a DA-funded SPIS project in Barangay Sinobong, Veruela, Agusan del Sur were evaluated and compared with those of the previous irrigation scheme used in the same area through Benefit-Cost Analysis. A 10% social discount rate and project life of 25 years for both scenarios were considered, and that a sensitivity analysis on those parameters was also conducted. The results showed that although both scenarios are financially viable, the SPIS project has a higher net present value and benefit-cost ratio than the base scenario. The SPIS option yielded a higher positive financial net benefit to the farmers than the base scenario, thereby making it more attractive alternative for irrigation.

Keywords: Benefits; Solar-powered Irrigation; Southern Philippines.



### LITERATURE REVIEW AND METHODOLOGY

#### Nguyen Trong Hoai

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#### **Phan Chung Thuy**

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### Development with Agile Business Modeling: A Structured Literature Review

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#### Abstract

In the VUCA business environment, there is no other choice for organizations to gain growth by finding solutions to maximize operating efficiency while responding quickly to unpredictable changes. Agility is the concept that enhances the power of organizational capabilities in delivering great value propositions leading to more satisfied customers and happier employees, lower operating costs, and better performance. Organizations are in urgent need now in adopting agility meanings or agile business modeling. Although the agile transformation is not simple, its positive effect in gaining development is worth investing. The method of this paper is structured literature review by two lines: Agile business modeling and development, and agile workforce. The list of articles can be found in the Figures & Tables session at the end of the paper. The findings highlight the transformation to ABM to enhance the responsive capabilities of organizations. In particular, ABM makes it comfortable for individuals are performing by their best of potential to deliver the greatest values. Apart from that, organizations should establish a strong alignment between IT capacity and other organizational aspects. The paper finds the prospects of organizations in further exploiting the potential of agility and expanding this modeling with more diverse application means. The limitation shows the shortage of available studies that are best suited to the topic and constraints in acquiring primary data for a fresh view.

**Keywords:** Agility; Agile Business Modeling; Business Process Management; Agile Workforce.

### A Review on Economies of Scope

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#### Abstract

This paper is a review of the topic "Economies of Scope". It looks at reasons for economies of scope, ways to determine the extent of economies of scope and studies the existence of economies of scope in different fields. It is found that most industries have gained considerable advantages from scope economies. Thus, it is suggested that depending on the nature of the industry, policy-makers and managers should explore which outputs being able to combine together in production or provision so that the organization can achieve economies of scope in that industry.

Keywords: Economies of Scope; Cost Savings; Industry.

### Matching Demand and Supply: A Study using Multi-method Simulation

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#### Abstract

Simulation modeling is a powerful research method applying information technology in solving business problems. In this study, multi-method modeling, which is an interesting combination of system dynamics and agent-based models, is adapted to clarify and discuss coordinating demand and supply issues via Bass diffusion model represented for demand-side and a non-competitive supply chain including a retailer, a wholesaler, and a factory. The findings indicate that the bullwhip effect of the supply chain could be easily shown due to changes in demand by marketing efforts namely advertising, words of mouth, and electronic words of mouth. Additionally, marketing effectiveness should be implemented, measured, and estimated correspondingly with supply constraints in the process of sales and operations planning. A strong foundation in value creation through intra-organizational function management based on the installation of extensive integration in matching demand and supply is recommended. Through the study, the multi-method simulation shows its strengths and weaknesses in facilitating business research in terms of multiple scenarios with cost and time efficiency as well as the validity of the study's findings associated with modelers' decisions on the model's level of simplicity and elaboration.

**Keywords:** Bass Diffusion; Multi-Method Modeling; Supply Chain; Simulation; Market Demand; S&OP.

### Development of a Comprehensive Definition for "Operational Excellence"

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#### Abstract

The primary objective of this study was to develop a comprehensive definition for the construct of operational excellence while identifying the most suitable theoretical lens of this construct. For achieving these objectives, firstly, the researchers evaluated 32 existing definitions of operational excellence to identify the critical attributes of this construct using the content analysis. A focus group interview with 20 members was used to ensure the accuracy of the content analysis process and determine the most appropriate attributes of this construct. Secondly, the suitable theoretical lens of the construct operational excellence was determined based on the determined attributes. Thirdly, the new construct definition for operational excellence was developed based on the identified theoretical lens, while integrating the identified attributes, and finally, the most appropriate tentative dimensions of this construct were proposed based on the new definition and opinions of the experts. Continuous improvement of sustainable operational performance measures, deriving sustainable competitive advantages and implementing the operation strategy consistently and reliably ensuring the involvement and satisfaction of employees, suppliers, customers and other stakeholders were identified as the main attributes of this construct. Refers to these attributes, the Resource-Based Theory (RBT) was recognized as the most applicable theory (theoretical lens) for explaining the construct operational excellence. The new definition of operational excellence, emerged from the current study was 'utilization of valuable, rare, costly to imitate and non-substitutable resources & capabilities to execute the operations strategy consistently and reliably as the organization can achieve: a continuous improvement of the sustainable operational performance and sustainable competitive advantages while upholding the satisfaction of employees, customers, suppliers and other important stakeholders'. Ultimately, the researchers concluded that continuous improvement of the sustainable operational

performance and sustainable competitive advantages as the tentative dimensions of this construct.

**Keywords:** Operational Excellence; Resource-Based Theory; Construct Definition; Operational Performance; Competitive Advantages.



### PSYCHOLOGY BUSINESS AND BEHAVIOURAL INTENTION I

#### Pham Khanh Nam

Session Chair

University of Economics Ho Chi Minh City, Vietnam

#### Huynh Ngoc Quang Anh

ACBES Coordinator

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### Customer Mindfulness as a Psychological Resource for Cocreating Transformative Services

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#### Abstract

Customer mindfulness, while being suggested as an important factor affecting customer behavior, has received limited attention in the literature of transformative service research. Particularly, it is unclear how mindfulness contributes to customer cocreation effort and creates transformative impacts. To address this gap, this study proposes and investigates a conceptual framework linking customer mindfulness, cocreation effort, perceived value and life satisfaction. This framework was tested using survey data collected from students of higher education institutions in HoChiMinh City. The results indicate that mindfulness has positive impacts on customer cocreation effort and perceived value. Customer cocreation effort, in turn, leads to improved value, which contributes to the customer's life satisfaction. This research contributes to the transformative service research by highlighting mindfulness as an important customer resource that needs to be cultivated and providing insights into the mechanism through which customers' cocreation effort has transformational impacts on their lives.

**Keywords**: Mindfulness; Cocreation Effort; Perceived Value; Life Satisfaction; Transformative Service; Education.

### The Effect of Servicescape to Service Quality and Customer Behavioral Intention – An Evidence in Vietnam Market

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#### Abstract

The objective of this study is to evaluate the role of servicescape in service quality and behavioral intentions in the context of coffee shop services in Vietnam market. The study was conducted through a survey of 326 customers who had used the service at coffee shops. The results show that the concept of servicescape is a separate concept, playing an antecedent for service quality and behavioral intention. Therefore, confirming the important role of managing servicescape in coffeeshop in order to improve service quality and intention to return to use services of customers.

Keywords: Servicescape; Coffeeshop; Behavioral Intention; Service Quality.

### Explaining Factors Influencing Pro-Environmental Behaviors on Self-Identity and Cost Awareness

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#### Abstract

The rapid emergence of ecological problems has caused urgent demand for research on individual's environmental behaviors. There has been call for usage of different theoretical frameworks with myriad incorporation to comprehensively understand people's proenvironmental behaviors and its related antecedents. In response, the present study aims to explore mechanism between influencing internal and external factors and residents' proenvironmental conducts by incorporating self-identity and cost awareness to the conceptual model. Supported by a survey of 450 public employees working in 20 different organizations in Ho Chi Minh City, Vietnam, the findings confirm the significant effects of personal norm and subjective norm on pro-environmental intentions and behaviors. Personal norm, as the better predictor of one's environmental willingness, is determined by the felt responsibility when citizen acknowledge about the ecological conditions around them. In addition, environmental self-identity is discovered to have positive correlations with personal norm and subjective norm. Meanwhile, cost awareness is found to not significantly influence Vietnamese pro-environmental behavioral intentions given they are more affected by personal moral standards and social pressure. The study clarifies how pro-environmental behaviors are influenced by both internal (personal norm) and external (subjective norm) factors. The outcomes of the current experiment bring new insights to governments and policymakers for

implementation of environmental measures, including emphasis on early environment education, dissemination of social expectations through medias and communicational platforms, establishment of environment communities and subsidies for environmental production and projects.

Keywords: Public Administration; Environmental Economics.

### GMO Food Labeling and Purchase Intention: An Assessment of Serial Mediation

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#### Abstract

*Purpose:* Labeling is one of the most crucial aspects of the genetically modified food (GMF) debate. However, the signaling effect of GMF labeling is not well-understood, especially in Asia. This research proposes and investigates how GM labeling affects purchase intention and the underlying psychological mechanism that's brings about this effect.

*Design/methodology/approach:* Two experimental-design studies are conducted to investigate the effect of the proposed GMF labeling on purchase intention.

*Findings:* The findings support the contrasting effects of GMF labeling on consumers' purchase intention and the serial mediating role of consumers' skepticism and perceived healthiness.

*Research limitations/implications:* The research provides a better theoretical understanding of how GMF labeling could be employed to increase GMF acceptance and throws light on the intervening factors that shape consumers' purchase intention of GMF. Actionable managerial implications are also discussed.

*Originality/value:* The research is one of the first attempts to study the effect of GM labeling in an eastern culture. The research provides vital insights into the minimally understood underlying intervening processes that guide the effect of GMF labeling on purchase intention.

Keywords: Genetically Modified Food; Labeling; Skepticism; Perceived Healthiness.

### Session 27A-9

### PSYCHOLOGY BUSINESS AND BEHAVIOURAL INTENTION II

#### Ho Huy Tuu

Session Chair

Nha Trang University, Vietnam

#### Le Nhat Hanh

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

### Workplace Ostracism and Malaysian Medical Doctors' Counterproductive Work Behavior

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#### Abstract

Inferring from Social Exchange Theory (SET), this study investigates the relationship between workplace ostracism and medical doctors' counterproductive work behavior. A quantitative research design using questionnaire was employed to obtain medical doctors' perception on workplace ostracism and counterproductive work behavior. Data then analyzed through Statistical Package for the Social Science (SPSS) version 27.0. Based on data collected from medical doctors, the findings show that the medical doctors who experience workplace ostracism enhance the likelihood that they undertake counterproductive work behavior. This study advances the body of knowledge by exploring the dark side of human behavior specifically in the area of workplace ostracism and counterproductive work behavior in the hospital setting. This study also helps the hospitals to solve medical doctors' counterproductive work behavior.

**Keywords**: Workplace Ostracism; Counterproductive Work Behavior; Malaysian Medical Doctors.

### A Hybrid SEM – ANN Method for Identifying Acceptance Factors of the Smart Watch in Vietnam

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#### Abstract

This research aims to identify the key psychological determinants of smartwatch adoption (i.e. Perceived affective quality, Mobility, Availability, Trust) and develops an extended technology acceptance model (TAM) that integrates the findings into the original TAM constructs and adds the local cultural characteristics. Data was collected from users of smart watch in Vietnam. The model was validated using a multi-analytic approach using Structural Equation Modelling (SEM), and the results from SEM were used as inputs for an Artificial Neural Network (ANN) model to predict acceptance factors. The perceived usefulness and perceived ease of use together with consumer cultural characteristics (in a collective culture like Vietnam) were found to be associated with the consumer's attitude and intention to purchase smartwatch.

**Keywords**: Artificial Neural Network; Intention to Purchase; Smartwatch Adoption; Wearable Technology.

### Drivers of Turnover Intentions of Professional Returnees an Emerging Economy Perspective

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#### Abstract

*Purpose:* Recent studies call for more research about repatriation process as this involves more challenging and unexpected issues, leading to high turnover rates among repatriates. Although prior research has paid attention to the repatriation stage, most of these studies are related to the re-entry experiences of either company-assigned repatriates or self-initiated repatriates, research on other forms of global workforce such as returnees in emerging economies is still scant. This study aims to examine the turnover intentions of this group of returnees who originally came from an emerging economy, Vietnam, graduated and/or worked overseas, and subsequently returned to their home country.

*Design/methodology/approach:* Data was collected from 258 Vietnamese returnees and structural equation modeling (SEM) was utilized to analyze the data.

*Findings:* The findings indicate that repatriation work adjustment and general adjustment, but not repatriation interaction adjustment, have significant indirect effects on turnover intentions via job satisfaction or life satisfaction.

*Originality/value:* This study extends the expatriation adjustment theory of Black and Stephens (1989) to explain the turnover intentions of returnees and offers important practical implications for the home-country organizations in retaining returnees.

**Keywords**: Repatriation Adjustment; Returnees; Life Satisfaction; Job Satisfaction; Turnover Intentions.

**Funding:** This research is funded by Vietnam National Foundation for Science and Technology Development (NAFOSTED) under grant number 502.02-2019.332

### Session 27A-10

# SOCIAL MEDIA, DIGITALIZATION, ORGANIZATIONAL BEHAVIOURS

Tu Van Binh

Session Chair University of Economics Ho Chi Minh City, Vietnam

#### **Duong Duy**

ACBES Coordinator

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### To Continue or not Continue Utilizing Mobile Social Media Applications: An Extended Expectation Confirmation Paradigm-based Analytical Approach

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#### Abstract

Mobile social media application (MSMA) has become an increasingly popular communication means for Vietnamese users in their daily routine. MSMAs provide different activities to users and organizations such as marketing, healthcare, work, and entertainment. However, users' continuous usage toward MSMAs has not adequately studied. The aim of this study is to explore of how to formulate users' continuation intention toward MSMAs. A web-based survey is performed to accumulate empirical data from a convenient sample of 310 respondents and Structural Equation Modelling (SEM) is used for data analysis. The results illustrate that confirmation is a crucial indicator of perceived usefulness and hedonic value. Moreover, satisfaction is significantly influenced by confirmation and perceived usefulness. Lastly, continuation intention is positively driven by hedonic value and satisfaction. Ultimately, theoretical implications and practical implications are emerged.

**Keywords**: MSMAs; Continuation Intention; Satisfaction; Hedonic Value; Perceived Usefulness; Vietnam.

### Exploring the Developmental Antecedents of a Protean Career Orientation among Generation Z

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#### Abstract

Generation Z (those born from 1995 to 2012) has started to enter the workforce, and in a few years, they will make up a quarter of the global human resource. Their expanding influence on the overall advancement and productivity of humankind, therefore, raises important questions for scholars and practitioners. In the field of career management, it is imperative to understand these young people's career aspirations and preferences in order to support their career development. Backed by these findings, firms can better attract, retain, and develop this new generation of talents and consequently, have higher likelihood of staying competitive. However, the body of literature shows that the careers of Generation Z are an emerging yet understudied research field. It is noteworthy that most research to date has only focused on students, and the common method used has been purely quantitative. Therefore, this study aims to contribute to the body of literature by exploring the development of a career orientation among Generation Z in Vietnam by using qualitative, in-depth interviews. It employs the concept of protean career orientation, which is an attitude toward careers that involves selfdirection (the desire to be agentic, in charge of one's career) and values orientation (a desire to make career decisions that are driven by intrinsic values) as the conceptual framework. As such, the study expects to have a significant theoretical contribution and provide meaningful implications for individuals in Generation Z, recruiters, career counselors, and organizations.

**Keywords**: Protean Career; Protean Career Orientation; Generation Z; Gen Z; Career Development; Careers.

### Compensation and Job Embeddedness: What's the Connection?

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#### Abstract

This study is a response to the call to investigate which compensation features embed employees in organization. In particular, following the Herzberg's Motivation-Hygiene Theory, this study sought to examine the effects of the three compensation features (transparency, fairness and controllability) on job embeddedness. With data collected from 102 administrative staff in a private university, the findings indicate that all three compensation features serve as motivational antecedent of job embeddedness. Practical and theoretical implications are also discussed.

Keywords: Job Embeddedness; Compensation; Transparency; Fairness; Controllability.

### Why Employee Commitment and Management Style Matters: An Impact Analysis using Structural Equation Modelling on Organizational Performance:

#### The Case of Microfinance Industry in a Philippine Province

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#### Abstract

Microfinance is defined as a sector of formal, semiformal and informal financial institutions providing financial services to the poor. In many underdeveloped economies such as the Philippines, microfinance plays an important role in providing the marginalized sectors access to credit and encouraging entrepreneurial activity (Habarabas & Umali, 2013). The Philippine microfinance industry has experienced growth and innovation over the past few decades. Microfinance institutions (MFIs) have been servicing low-income populations offering a wide array of services to rural areas in the country. As of June 2010, about 15,000 MFIs were operating throughout the country serving an estimated 5.1 million borrowers (Esguerra, 2012). Currently, 121 over 724 thrift and rural banks are involved in microfinance with P3B outstanding loan, while of the 66,000 registered cooperatives in the Philippines, 85% offers both credit and savings. Moreover, of these cooperatives 50 are involved in microfinance. Nongovernmental organizations (NGOs) are also one of the major players in the industry with 600 NGOs having microfinance business units (Valdemar, Encinas & Imperio, 2007). Using quantitative research design, specifically the descriptive-survey approach, and covering one of the largest region in the Philippines (i.e Region IV; composed of five provinces namely Cavite, Laguna, Batangas, Rizal and Quezon provinces) in terms of population and production output, a total of eight hundred eighty-six respondents working in microfinance institutions were surveyed to investigate the impact of employee commitment and management styles to organizational performance. Partial least square structural equation modelling was employed to meet the main thrust of the study. This study is done based on the three (3) component conceptualization of organizational commitment by Meyer and Allen which was first published in 1991 which explains that commitment is a psychological state that has three separable

components reflecting the members of the organizations' desire (affective), need (continuance) and obligation (normative) to maintain employment in the organization. Also, this investigation looked into the management styles of business executives in MFIs based on the Trask et al. (2009) study where they synthesized different management styles from literatures categorizing them into five management styles namely, autocratic, bureaucratic, authoritarian, democratic and participative. There is moderate level of employee commitment for all the mentalities. But among the three mentalities, affective commitment has the highest average weighted mean of 4.99 implicating a "somewhat" degree of agreement, followed by normative commitment with 4.71 (i.e. somewhat agree) and ranked last was the continuance commitment with 4.45 (i.e. somewhat agree). Affective commitment has the highest mean score. Employees in the MFIs have strong emotional attachment and involvement in the organization. Continuance commitment is associated with counter-productive work and it has lowest scores in the MFIs. Normative commitment is the second highest. The investigation revealed that employee commitment significantly impacts organizational performance, while management style does not impact organizational performance. As to the three-component model of organizational commitment by Allen and Meyer, the investigation implicated affective commitment which can be basis in developing work-life and team-work programs to increase the level of affective commitment. In the context of management styles, it is recommended that employees may be allowed to participate in organizing and leading functions to increase manager-employee interpersonal trust and create open information exchange between the management and the employees.

**Keywords**: Microfinance; Employee Commitment; Management Styles; Organizational Performance; Partial Least Square; Structural Equation Modelling.



### Session 27B-1 BANKS AND FINANCIAL INSTITUTIONS

#### **Christopher Gan**

Session Chair Lincoln University, New Zealand

#### **Phan Chung Thuy**

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

### Revisiting the Link between Competition and Efficiency: Is Antitrust Policy suitable for the Vietnamese Banking Sector?

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#### Abstract

This study employs the panel vector autoregression approach (PVAR) in a generalized method of moments (GMM) framework to investigate the dynamic causal relationship between bank competition and efficiency. Using a sample of commercial banks in Vietnam from 2008 to 2018, the study finds that the Efficient-Structure (ES) hypothesis and the Quiet-life (QL) hypothesis coexist. The results indicate that bank efficiency leads to growth, but the resultant growth assures banks of the 'quiet-life' and will induce them to put less effort into pursuing efficiency. We also show that the economic impact of the ES hypothesis dominates that of the QL hypothesis. This study suggests that antitrust policy is not suitable for the Vietnamese banking sector.

Keywords: Market Structure; Competition; Efficiency; Market Power; Vietnamese Banks.

# Market Discipline and Bank Risk through New Regulations: Evidence from Asian – Pacific

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## Abstract

This study found evidence for the presence of market discipline and explanation for the risk nondisclosure behaviour under the new regulation of 272 Asia-Pacific Banks during the period 2015 - 2019. The study used Lasso regression method to give accurate results with the lowest error when using small observational data with a large number of features. First, theoretically, the study points to the presence of market discipline and its sensitivity to the risks disclosed by the bank, especially when applying capital regulations under Basel III. In addition, the study also shows differences for the group of developed and emerging countries in the sensitivity of market discipline to factors when considering banking regulations. Finally, an interesting result that the study shows is that the higher index of economic freedom is, the weaker the market discipline is. Our research has implications for bank supervisors, policymakers and bank managers.

**Keywords**: Bank Risk; Market Discipline; Disclosure Risk; Bank Regulations; Basel III; Lasso Regression.

# Impact of Monetary Policy Transmission on Bank Performance and Risk in an Emerging Market: Does the Covid-19 Pandemic Matter?

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## Abstract

The bank risk-taking and bank lending mechanism of monetary policy transmission has received much attention while the monetary policy – bank performance nexus is driven by bank individual characteristics and the Covid-19 pandemic has been under-researched so far. To fill this void, the research utilizes both static and dynamic model application to a sample of representative commercial banks on a quarterly basis for a small open emerging market like Vietnam. We confirm the persistence of bank loan supply and the existence of the bank lending channel in Vietnam. Moreover, the dependence of monetary policy – bank performance on bank-specific characteristics is also evidenced. Specifically, the well-capitalized, more liquid, and large-sized commercial banks have better performance than the poorly-capitalized, less liquid, and small-sized peers. Interestingly, the Covid-19 pandemic could exert the positive effect of monetary shocks on bank performance, especially when controlling for volatility index. Drawing on these findings, some policy recommendations are provided to facilitate the potency of monetary policy in the banking system and the macro-economic environment.

Keywords: Bank Performance; Monetary Policy Transmission; Covid-19 Pandemic.

# Do Internal Conflicts Hinder Financial Inclusion? Empirical Evidence from South Asia?

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#### Abstract

Financial Inclusion has become and integral part of achieving socioeconomic as well as environmental development across the globe. Hence, its importance concerning the attainment of the Sustainable Development Goals agenda can not be denied. Among the several factors inhibiting financial inclusion, internal conflict is said to be a major one. High degrees of internal conflict becomes a challenge against development of the financial sector. Besides, internal conflicts discourage savings in banks and other financial institutions which, in turn, hampers financial inclusion to a large extent. Consequently, enhancing financial inclusivity can be a cumbersome task for the developing countries in particular to which South Asia is no exception. Against this backdrop, this study aims to scrutinize the impacts of internal conflicts on the prospects of stimulating financial inclusion across selected South Asian countries. The results from the econometric analysis, accounting for cross-sectional dependency and slope heterogeneity concerns, reveal that it is important for the South Asian countries to reduce internal conflicts to enhance financial inclusivity. Similarly, promoting good governance and improving institutional quality are also evidenced to be beneficial for promoting greater financial inclusivity in South Asia. In line with these key findings, it is recommended that the governments try to adopt and implement policies to resolve the internal conflicts and ensure macroeconomic stability which, in turn, can be expected to develop the financial sectors and stimulate financial inclusion across this region. At the same time, improving the democratic environment and institutional quality can be assumed to enhance political stability in South Asia whereby the degrees of financial inclusion can be expected to rise as well.

Keywords: Financial Inclusion; Internal Conflicts; South Asia.



# Session 27B-2

# **CORPORATE FINANCE I**

## Zhaohua Li

Session Chair Lincoln University, New Zealand

# Quach Doanh Nghiep

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

# The Impacts of Economic Freedom and Corruption on Corporate Leverage: An Evidence of Vietnamese Listed Companies

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### Abstract

This paper aims to investigate the effects of corruption and economic freedom on leverage level across listed firms from various industries in Vietnam throughout the period of 2009-2018. We also examine the joint effect of corruption on corporate leverage under the high economic freedom environment. Our finding leads to the conclusion that corruption alone has a significant positive impact on firm leverage, which is congruent with the majority of previous studies. Moreover, on studying the interaction between corruption and economic freedom, we find that in a country with high levels of market openness and regulatory efficiency, the effect of corruption is less likely to cause positive changes in the level of leverage, except for the case of trade and investment freedom. Since our model is concerned with the impact of macro-level factors, there arises the issue of the correlation between our main variables and the omitted country-level variables, which is resolved by the use of instrumental variables through the 2SLS method. In essence, our findings hold even after adjusting for biases, synchronism as well as potential endogeneity in our macro-micro relationship.

Keywords: Corruption; Economic Freedom; Corporate Leverage.

# Equity Dependence and the Sensitivity of Investment to the Stock Price in Vietnamese Listed Firms

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## Abstract

This study investigates the effect of the level of equity dependence, proxied by the Kaplan and Zingales (KZ) index, on the sensitivity of investment to stock price. By using the unbalanced panel dataset of Vietnamese listed firms from 2007 to 2017, the results show that the level of equity dependence increased the sensitivity of corporate investment to stock price. Investments of equity-dependent firms were more sensitive to stock price than that of less-equity-dependent ones.

Keywords: Equity Dependence; Sensitivity of Investment to Stock Price.

# Investigation of Financial Performance of Firms Operating in BIST Wood, Paper & Printing Components Index (XKAGT)

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### Abstract

The aim of this study is to investigate the financial performances of 12 firms operating in the Borsa Istanbul Wood, Paper and Printing Index. First of all, the fact that it has a strategic share in the construction sector, that paper is used actively in the job market and that it is needed in every field, and that printing has a great importance in education, news and other administrative works has revealed the importance of the Wood, Paper and Printing sector. In addition, it is expected that as of March 2020, the transition to distance education in education due to the pandemic in Turkey, the transition of some public institutions to the flexible working model and the interruption of the activities of the private sector from time to time due to the closure will affect the financial structures of the companies operating in this index. Turkey has been significantly affected by the pandemic due to health, economic and other reasons. This situation highlights the importance of the study. For this purpose, the financial performances of the firm operating in the BIST Wood, Paper and Printing index were investigated by using the financial ratios. As the dependent variable in the study, the return on assets and equity of the firms; As independent variables, Receivable Turnover Rate, Inventory Turnover Rate, Average Collection Period of Receivables, Time to Cash in Stocks, Turnover of Equity, Turnover of Assets, Turnover of Current Assets, Turnover of Tangible Fixed Assets, Trade Payables Turnover Ratios were used. In the study, the 11-year period of the 2010-2020 period was examined. The GMM method was used as a method in the study. As a result of the study, it was concluded that the activity ratios of the companies operating in the index affect the financial performances of the companies.

Keywords: BIST Wood Paper and Print Index; Activity Ratios; Financial Performance; GMM.



# Session 27B-3 FINANCIAL INNOVATION AND FINTECH

# **Cuong Nguyen**

Session Chair Lincoln University, New Zealand

# Phan Dang Bao Anh

**ACBES** Coordinator University of Economics Ho Chi Minh City, Vietnam

# Gold, Bitcoin and Vietnamese Stock Market: New Insight based on Wavelet Coherence Analysis

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## Abstract

The study investigates the co-movement and lead-lag relationship across gold and bitcoin prices with Vietnamese stock market index (VN-Index). The wavelet coherence analysis is utilized to evaluate the time-frequency connectedness and the phase difference is applied to find the lead-lag nexus. The data is collected from 5<sup>th</sup> January 2015 to 5<sup>th</sup> April 2021. Generally, the result shows the existence of co-movement between the returns of bitcoin and VN-Index since 2018. Although there is a strong correlation between Vietnamese stock market return and domestic gold return found at very-short run, almost no interdependence of these two series is observed at the medium-to-long run. Besides, the lead-lag relationships between these series are not clear.

**Keywords**: Gold; Bitcoin; Stock Index; Co-Movement; Lead-Lag Relationship; Wavelet Coherence.

# What Drives Bitcoin?

#### Andrés García Medina

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## Abstract

We are studying the transfer entropy, under different estimations and variants, between a set of Twitter accounts belonging to politicians and millionaires to measure the effect that their comments have on the behavior of bitcoin. Additionally, we have included among the possible drivers of bitcoin to Google Trends and a heterogeneous portfolio of metals and composite indices. The statistically significant assets will be used as features/explanatory variables in a LSTM forecasting model for bitcoin.

Keywords: Local Transfer Entropy; Deep Learning; Behavioral Finance

# "Ubiquitous Uncertainties": Spillovers across

# **Economic Policy Uncertainty and Cryptocurrency Uncertainty Indices**

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### Peng-Fei Dai

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### Abstract

*Purpose:* The purpose of this paper is to extend the literature on the spillovers across Economic Policy Uncertainty and Cryptocurrency Uncertainty Indices.

*Design/methodology/approach:* This paper uses cross-country Economic Policy Uncertainty Indices and the novel data measuring the cryptocurrency Price uncertainties over the period 2013–2021 to constructs a sample of 946 observations and applies the time-varying parameter vector autoregression (TVP-VAR) model to do an empirical study.

*Findings:* Our findings suggest that there are cross-country spillovers of economic policy uncertainty. In addition, the total uncertainty spillover between economic policies and cryptocurrency peaked in 2015 before gradually decreasing in the following periods. Concomitantly, the cryptocurrency uncertainty has acted as the "receiver". More importantly, we found the predictive power of Economic Policy Uncertainty to predict the Cryptocurrency Uncertainty Index. Our results hold robust when using alternative measurement of cryptocurrency policy uncertainty.

*Originality:* Our study is the first research that deeply investigates the association between two uncertainty indicators, namely Economic Policy Uncertainty and Cryptocurrency Uncertainty Index. We provide fresh evidence about the dynamic connectedness between country-level economic policy uncertainty and cryptocurrency index. Our work contributes a new channel driving the variants of Uncertainties in the cryptocurrency market.

**Keywords**: Cryptocurrency Uncertainty Index; Economic Policy Uncertainty; Spillover Dynamics; Time-Varying VAR.

# Asymmetric News Effects on Bitcoin Liquidity: An Event Study Perspective

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### Abstract

We examine the impact of positive and negative information on the liquidity of 100 prominent crypto-currencies by using event study methodology. Our results indicate that the liquidity of cryptocurrencies increases (decreases) after positive (negative) news announcement. The impact of positive news hold longer than negative information.

Further, our results highlighted that there is information outflow before of the news announcements, and the positive (negative) information generate higher (lower) cryptocurrency returns.

Keywords: Cryptocurrency; Event Study; Amihud Ratio; Liquidity.



# FINANCIAL DEVELOPMENT AND PUBLIC POLICY I

## Su Dinh Thanh

Session Chair

University of Economics Ho Chi Minh City, Vietnam

# Le Thuy Khanh

ACBES Coordinator

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# The Impact of Financial Development on Ecological Footprints of Nations

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### Abstract

Financial development is an important driver of technological progress in economic development. The study endeavours to examine the non-linear effects of multiple-dimensional financial development on four kinds of ecological footprint following the light of the Environmental Kuznets Curve (EKC) in a global sample of 124 economies. Applying the twostep system generalized method of moments to deal with possible endogeneity, the estimates provide robust findings. *First*, overall financial development, financial institutions and its three dimensions (*i.e.*, depth, access, and efficiency) appear to have inverted-U shape effects on four kinds of ecological footprints including consumption, exports, imports, and productions. *Second*, the development of financial markets and its three dimensions show mixed and inconsistent effects on ecological footprints. *Third*, the income level and energy intensity are increasing drivers of most ecological footprints. The results survive different tests and robustness checks. The findings imply the importance of technology that is supported by financial development in the existence of EKC.

**Keywords**: Ecological Footprint; Financial Development; Kuznets Environmental Curve; Technological Progress.

# Sharing Economy Impact on Financial Performance Indicators: Lessons Learned from Emerging Economy Development in Russia

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### Abstract

At the digital stage of business development not only businesses could provide goods and services for their B2B and B2C clients, but partners could exchange resources using new P2P (peer-to-peer) collaboration which is the part of sharing economy. The sharing economy is labelled as a new economy and new business model in the current Internet age. The first sharing economy model was introduced in the hospitality industry, which still retains the highest share of the revenue from sharing platforms compared to other industries. In Russia, the sharing economy is developing fast, but our accommodation sector continues to lag behind western countries. Therefore, the authors plan to contribute to the study of the financial and non-financial effects of platforms use in the hospitality industry in Russia. It is important to point out the meaningful indicator, which, according to the study, was the factor of the number of positive reviews left on the shoring platform for a particular hotel. Furthermore, we find strong evidence indicating that the increase of the number of platforms in which the organization should participate is not significant.

**Keywords**: Sharing Economy; Hospitality Industry; Collaborative Marketing; Information Communication Technology; Emerging Markets.

# Merger Regulation in Vietnam: New Emerging Issues due to the Lack of Economic Perspectives Consumed in the Current Approach

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#### Abstract

Vietnam has introduced its merger regulation with the first version of the Competition Law issued in 2004, whose outcomes were criticized for being inefficient. The current alternative law also leads to making changes in this insufficient merger control. Several studies have presented a more enforceable approach in this replaced version. However, there exists a rare identification of its remaining shortcomings. Basing on the comparative aspect between the old and new versions of merger regulation in Vietnam, this study traces the insight of movement from the form-based approach to the effects-based approach in regulating merger in Vietnam. Not only positioning the merits supplied by the merger control in the 2018 law, but this article also uncovers several newly emerging issues related to the merger review and then application of merger remedies that would undermine the effective regulation on mergers. The findings mainly focus on the shortage of economic perspectives consumed in the legal designation. Notably, it offers some tentative reform proposals to tame the shortage expression of merger remedies implementation of the more active merger review with approved appropriate remedies in Vietnam in the future.

Keywords: Merger; Regulation; Review; Remedies; Vietnam; Economic Perspective.



# Session 27B-5

# FINANCIAL MARKETS I

## Ho Tu Linh

Session Chair Lincoln University, New Zealand

## Tran Thi Tuan Anh

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

# Herding Behavior: Do Domestic Investors Herd toward Foreign Investors in Vietnam Stock Market?

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## Abstract

Vietnam presents an interesting case study given that in recent years with the rapidly increasing foreign ownership. Vietnam government has accelerated the pace of financial reforms, including the relaxation of foreign investment restrictions. This study applies a secondary dataset comprises daily market trading information of 912 stocks from 18 industries listed on 2 Vietnam stock exchanges (HSX and HNX), which includes executed price, executed volume, daily Buy Orders and Sell Orders categorized into domestic investors' orders and foreign investors orders from 01.04.2010 to 10.04.2018. The regression results show a significantly positive relationship between foreign investors' trading and domestic investors' transaction in all trading activities in both up and down market. In other words, these results indicate that domestic investors in Vietnam concern foreign investors' trading as an important sign and domestic investors tend to follow their counterparties without appropriate fundamental information.

Keywords: Herding; Foreign Investors; Domestic Investors.

# Machine Learning Techniques Utilization in the Vietnamese Financial Market

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### Abstract

Machine learning (ML), especially Deep learning using artificial neuron network (ANN) techniques is increasingly employed by financial institutions for supporting and formulating investment decisions because of their ability to capture non-linear and complex interactions of input data. However, in an emerging market like Vietnam, the use of machine learning techniques is minimal. This paper investigates the usefulness of some of the most popular machine learning techniques such as logistic function, support vector machine, random forest and neuron network in predicting abnormal returns in Vietnamese stock exchanges. Input data is collected from financial reportings of more than 400 listed companies from 2008 to 2020 and in total. Even though the database is not at its best for a machine learning project, the results of abnormal return forecasting using popular machine learning techniques in the Vietnamese finance market are promising, with accuracy scores is around 70%. This finding provides an example for financial institutions in Vietnam about using advanced technologies to support the decision-making process and shows the potential for more research and practical projects on this topic.

Keywords: Machine Learning; Deep Learning; Financial Market; Stock Market.

# Investigating the Time-Varying Asymmetric Return Spillover from United States, China to Thailand Stock Markets

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### Abstract

This paper uses daily stock returns from 1996 to 2019 collected from the US, China and Thailand stock markets to investigate the asymmetric time-varying return spillover from the US and China to Thailand. The Diebold and Yilmaz (2012) and Barunik & Krehlik (2018) methodologies are applied to reveal this asymmetric spillover for both the time-domain and a frequency-domain framework. The total spillover index, which measures overall connectedness among these countries, is significant for the entire sample, but the connectedness in the post-crisis period is remarkably higher than that of the pre-crisis period. Additionally, the time-varying pairwise directional connectedness in both time and frequency domain shows that Thailand always has negative net spillover in the relationship with the US market, implying that the spillover effect is from the US to Thailand. This is quite different from the situation between Thailand and China. There are some periods that China does not dominate the spillover effect with Thailand.

**Keywords**: Time-Varying Asymmetry; Diebold And Yilmaz Method; Barunik & Krehlik Method; Total Spillover Index; Net Spillover Index; Spillover Matrix.

# Session 27B-6 ASSET PRICING AND EMPIRICAL FINANCE

## **Thomas Walther**

Session Chair Utrecht University, Netherlands

# Huynh Ngoc Quang Anh

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

# **Empirical Asset Pricing Models in the US Public Insurance Companies**

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### Abstract

This study explores two major competing empirical models for possible anomalies within the U.S. insurance industry: Fama-French five-factor (FF5) model from Fama and French (2015) and the augmented five q-factor (Q5) model from Hou et al. (2021). The possible anomalies derived from the two frameworks within the insurance industry consist of size, value, profitability, and investment. It uses insurance company-specific ratios such as loss ratio, expense ratio, combined ratio, and investment yield to construct portfolios. Only value anomaly exists in the insurance industry using price-to-earnings (PE) ratio. The FF5 outperforms the Q5 model in explaining the anomalies. FF5 can explain more might be due to the fact that Q5 derives from real investment of a company and excludes financial firms.

**Keywords**: Factor Investing; Anomalies; Life Insurance; Property and Casualty Insurance; Risk Management.

# The US President should not be Pessimistic about COVID-19: A Textual Analysis Study of Trump's Twitter Posts

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### Abstract

We analyze President Donald Trump's Twitter posts about COVID-19 to quantitatively construct his sentiment proxy to examine its predictive power in industry-level equity returns. This manuscript explores the predictive power of Trump's sentiment on equity indices after controlling rigorous determinants during the COVID-19 pandemic. After controlling rigorous factors, we find that industry-level negative tone in general content is unlikely to have predictive power in stock returns. In addition, the consumer goods industry exhibits a negative return when Trump displayed negative attitudes toward COVID-19. This result remains robust in different methodologies. Industries adversely affected by the pandemic due to travel restrictions, consumption shocks, and public health issues are statistically correlated with Trump's negative tone about COVID-19.

Keywords: Coronavirus; COVID-19; Market Reactions; Trump Twitter; US Industries.

# The Value of Disclosure of Ambiguous Information: The Case of Insider Trading

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### Abstract

Liquidity traders perceive disclosures of insider trading as ambiguous pieces of information, as they may not be able to assess whether the trades are motivated by significant privileged information related to the true share value, or by other uninformative factors. This paper establishes an algorithm, based on Bayesian inference that represents the rational value of ambiguous information associated with the disclosure of insider trading, when market participants subsequently anticipate material information that may or may not follow.

We found that the theoretical value has a statistically significant predictive power for the actual market reaction to these disclosures. We find an overall one-day excess return is in the neighborhood of one percent (and higher for insiders who have a controlling position). However, the ex-post 30- and 90-day single-factor-CAR, are significantly higher, which conforms to the notion of ambiguity.

The small difference between the actual market reaction and the theoretical derivation (0.9674% vs. 1.328%) does not necessarily imply that the market underestimates the value of this type of information, as it may be related to the time span until the value of the information is nullified because no new confirming information follows the disclosure.

Keywords: Disclosure; Insider Trading; Ambiguity.

# Interest Rates and Systemic Risk: Evidence from Vietnamese Economy

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#### Abstract

This paper aims to study the effect of interest rates on Vietnam's systemic risk after the financial crisis 2007-2008. The data is collected from the Vietnamese stock market, specifically 29 listed financial institutions (commercial banks, insurance firms, and securities companies) for 11 years from 2010 to 2020. The analysis is performed in two steps including systematic risk measurement in Vietnam based on the Marginal Expected Shortfall (MES) method and a Vector Autoregressive model (VAR Model) for investigating the effect of interest rates and Vietnam's systemic risk. The VAR model in this article is constructed using our systemic risk measure, the inflation rate, the output gap, and the policy interest rates. We find that interest rates have a positive relationship with systemic risk in Vietnam during the period after the onset of the global financial crisis. On the other hand, low interest rates may increase systemic risk in a normal period.

Keywords: Interest Rates; MES; Systemic Risk; VAR.



# Session 27B-7

# ACCOUNTING AND AUDITING

# **Bui Quang Hung**

Session Chair

University of Economics Ho Chi Minh City, Vietnam

# **Duong Duy**

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

# Digitalization of Accounting Information and Servitization in Public Universities' Sustainable Innovation Ecosystem -The Moderating Effect of Recoverable Slack

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#### Abstract

The present study sets its sight into constituting the inter-links between the such three constructs as the digitalization of accounting information (DOAI), the servitization (SERV), and sustainable innovation ecosystem (SIE). Predominantly, the target is to cotton on whether DOAI in public university (PU) affects SIE where the direct impact of DOAI on SIE is mediated by the SERV. Moreover, the research also quests to fathom whether the sort of recoverable slack (RS) causes an impact on shaping the degree of the moderating effect. Structural equation modeling (SEM) and multigroup SEM were taken advantage to explore the theoretical framework grounded on a questionnaire survey of 283 PUs for direct, indirect and moderating effects, respectively. The result analysis underlined that there were substantial positive interconnections between the three constructs. The outputs of the multigroup moderation highlighted that the degree of RS played a dominant part in forming the mediation effect. These observations assisted not only the leaders of PUs and policymakers to comprehend that DOAI within the PUs would allow the organization to gain the SERV, and therefore impact SIE but also aided the providers in findings measures to access the increasing demands of potential consumers.

**Keywords**: Accounting Information System; Digitalization; Innovation Ecosystem; Recoverable Slack; Sustainability.



# Session 27B-8

# TOURISM AND MACROECONOMICS

# Khieu Hoang

Session Chair

Johannes Gutenberg University of Mainz, Germany

## Pham To Thuc Han

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

# Economic Growth with Public and Foreign Investment in Vietnam

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## Abstract

We analyze the economic growth under impact of public and foreign investment by a vector autogressive model (VAR) on a quarterly sample of Vietnam economy over 2008-2020. The method stresses the role of exchange rate and liquidity supply on context of open economy. The evidence records that there exists a synergy of public and foreign investment on raising economic growth, reducing inflation and evaluating domestic currency. Moreover, the public investment is crucial to combat economic recession, especially during the current pandemic Covid-19.

**Keywords**: Economic Growth; Public Investment; Foreign Investment; Vector Autoregression (VAR) Model.

# The Role of Entrepreneurial Culture in Fostering Innovative Work Behaviour

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#### Abstract

Extant research has shown that psychological empowerment is positively associated with innovative work behaviour, but several contingencies affect the strength of this relationship. The primary aim of the research is to investigate the role of psychological empowerment in fostering innovative work behaviour among employees in Vietnam business context. The research also seeks an insight into the moderating role that entrepreneurial culture plays on the relationship between psychological empowerment and innovative work behaviour. The results show that (1) psychological empowerment had a significantly positive impact on employees' innovative behaviour at work, and (2) this relationship is also moderated by the characteristics of entrepreneurial culture. The findings provide managers with effective ways in which organizations can strategically focus on entrepreneurial culture and perceived psychological empowerment to improve employees' innovative work behaviour.

**Keywords**: Entrepreneurial Culture; Psychological Empowerment; Innovative Work Behaviour; Entrepreneurship; Innovation.

# Bridging the Intention-behavior Gap among Sustainable Tourism Services: The Crucial Role of Sustainability Communication

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#### Abstract

Consumers are increasingly paying attention to the sustainability aspects of purchasing products. Especially in the tourism sector, this topic is becoming more important. Further, tourism has the impact of fostering a global paradigm shift in terms of sustainable behavior. However, implementation on the supplier side is not easy and many consumers do not translate sustainability intentions into corresponding behavior. Against this background, we aim to explore consumption barriers of sustainable tourism services. In particular, we address the importance of related information and its communication.

We conducted 40 interviews with tourists and representatives of tourism interest groups, sustainability activists and hoteliers concerning barriers to sustainability behavior and measures they suggest to overcome the intention-behavior-gap. Consumers indicated they wish to see the benefits of sustainability presented in the most valid and transparent way possible, though they doubted the credibility of some of the information. Current measures used for the presentation of sustainable tourism services seem ineffective. Experts supports this cognition and state that this is the result of misinformation and missing visibility of sustainability characteristics of tourism services. They further see a lack of political ambitions. In order to support tourists sustainable behavior practitioners wish for digital solutions along the customer journey.

The results contribute to a better understanding of the impact of information barriers and communication measures on sustainable tourism services. Researchers should investigate which challenges exist from a provider perspective and assess how effective and efficient communication measures can be designed and what effect they have on consumers.

Keywords: Sustainability, Tourism, Intention-Behavior Gap, Information



# Session 27B-9 BEHAVIOURAL AND GREEN FINANCE II

## Le Kim Long

Session Chair Nha Trang University, Vietnam

# Nguyen Quang Binh

ACBES Coordinator

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# Exploring the Link between Trait Affectivity, Cognitive Ability and Preferences among Top Managers

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### Abstract

This paper investigates the role of managers' trait affectivity and cognitive ability in their loss aversion and present bias levels among 623 top managers at textile and garment firms in Vietnam. As such, we combine data on preferences elicited through a lab-in-the-filed experiment with survey data on cognitive ability and trait affectivity. We find that manager with high positive affectivity (PA) or cognitive ability is less subject to loss- averse and present bias. In contrast, a manager with high negative affectivity (NA) is more likely to be impatient and loss averse. Furthermore, heterogeneity of trait affectivity and cognitive ability determines different loss aversion and present bias levels of managers in SMEs vis-à-vis their counterparts in large firms. Remarkably, we observe striking evidence that trait affectivity and cognitive ability significantly affect loss aversion and present bias levels of managers born in the period of Vietnam wars. Still, it is not the story of their counterparts born after the Vietnam wars.

**Keywords**: Trait Affectivity; Cognitive Ability; Loss Aversion; Present Bias; Preferences; Managers.

# The Effect of CSR Regulatory Change on Firm Efficiency: Evidence from Indonesia

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#### Abstract

This study examines the impact of mandatory CSR disclosure on firm performance using technical efficiency indicator. The sample of 3,042 firm-year observations, with 506 treatment firm-years and 2,536 matching control firm-years were selected from Jakarta stock exchange in Indonesia from 2009 to 2019. DEA approach and Difference-in-differences test is applied for data analysis. The results show that mandatory CSR disclosure slightly impacts natural related firms' efficiency. And the firms following mandatory CSR disclosure experiences an increase in their efficiency compared to firms that are not required to disclose CSR. This finding suggests that mandatory CSR disclosure firm performance stemming from the dynamics of cost restructuring, resource balance, and generates positive firm efficiency at the expense of shareholders.

**Keywords**: Mandatory CSR Disclosure; Technical Efficiency; DEA; Difference-In-Differences; Indonesia.

# Ownership Structure and Post-Earnings-Announcement Drift: Evidence from Vietnam

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#### **Hieu Tran**

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#### Abstract

In this study, we first document the existence of post-earnings-announcement-drift (PEAD) in Vietnam, consistent with investors' under-reaction to earnings surprises. We then investigate whether and how ownership structure affects PEAD. We find that the magnitude of PEAD effect is stronger among firms with higher insider ownership, suggesting that higher insider ownership may increase information opacity and impede efficient processing of earnings news among investors. Furthermore, in contrast to the conventional view that institutional investors exploit PEAD and accelerate the speed of price discovery, we find that institutional investors do not have significant impacts on PEAD. We argue that this result is consistent with recent findings in the US and China that some institutional investors may herd, hence, not necessarily help to mitigate PEAD. Our findings provide useful insights about the effect of ownership structure on investors' delayed response to earnings news in the context of Vietnam.

**Keywords**: Post Earnings Announcement Drift; Ownership Structure; Institutional Ownership; Insider Ownership.



# Session 27B-10

## HEALTH AND LABOR ECONOMICS

### Nguyen Van Thang

Session Chair National Economics University, Vietnam

### Huynh Thien Tu

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

# Determinants of Maternal Health Care Choice for Children with Pneumonia: An Empirical Study in Ninh Thuan Province, Vietnam

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#### Abstract

This study aims to examine the determinants of maternal health care choice for children under five years old with pneumonia in Ninh Thuan province, Vietnam. The choices include presenting their children to the hospitals, staying at home and using self-medication, or choosing traditional method by consulting a traditionalist or a spiritualist. We use the multinational logit model to study a collection of 215 observations from onsite surveys, including different groups of ethnic minorities. The results indicate that ethnicities, residence, education and income level determine the mothers' care seeking behaviors for children with pneumonia. The findings are expected to provide better insights into the behavior of the ethnic minority mothers when dealing with pneumonia and help the Vietnamese authorities alleviate this recurring disease.

**Keywords**: Pneumonia; Maternal Health Care Choice; Hospital Presentation; Multinational Logit Model; Vietnam.

## Understanding Consumer using Behavior toward Wearable Technology in Healthcare

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#### Abstract

Motivating users to use wearable devices in self-managed healthcare by understanding their behavior is critical for wearable technology developers to enhance their business performance. By applying the knowledge-attitude-behavior theory, this study aims to investigate the factors that drive consumer actual use behavior toward wearable healthcare devices. The study collected the data by paper-based questionnaires in sport and gymnastic centers in Danang city, Vietnam. The 143 valid data was analyzed using a partial least square technique with SmartPLS software. The findings show that consumer knowledge and belief in wearable technology significantly influence consumer attitude toward wearable healthcare devices. Attitude, social norm, and perceived aesthetic attributes of wearable devices significantly influence consumer actual use behavior. This study contributes to the literature of knowledge-attitude-behavior theory and theory of planned behavior by introducing the merging application of two theories in healthcare technology research settings. The study also provides some managerial implications for wearable technology developers.

**Keywords**: Wearable Technology; Healthcare; Wearable Device; Actual Use Behavior; Knowledge-Attitude-Behavior Theory.

## When Customers Lack Resource for Co-Creating a Needed Service: The Role of Social Resource in Healthcare Service Value Co-Creation

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#### Abstract

In certain types of service, customers are very much in need of the service but their existing stock of resource is not sufficient for performing necessary co-creation behaviors. In such situation, the question is about how they cope with the problem and how service-dominant logic can help explain this phenomenon. This study therefore examines the impact of customer social resource on the co-creation of value in healthcare service. Based on the empirical data surveyed from outpatients in Vietnam, the results indicate that customer's social resource affects service value through being used for co-creation behaviors and for customer's own act of value evaluation which is independent of the co-creation with service provider. The findings are expected to contribute to the service-dominant logic research stream by providing empirical evidence to elucidate the notion of customer value co-creation and resource contribution.

Keywords: Customer Social Resource; Co-Creation; Service Value; Healthcare; Vietnam.

## Transitions Between Formal and Informal Labour Market Statuses: Evidence in Vietnam

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#### Abstract

The study examines labour mobility between formal and informal sectors in Vietnam and identifies various attributes underlying the worker transition between formal and informal labour market status. Using data from the Vietnam Household Living Standards Survey 2012 and 2014 (VHLSS 2012-2014), we carry out the transition matrices to identify short-run dynamics among labour market states. We next estimate multinomial logit regression models to captures the determinants of labour mobility for sub-samples of wage and self-employed workers, broken down by formal and informal employment. We focus mainly on worker characteristics: age, gender, marital status and human capital as the determinants of worker flows. Our result supports the comparative advantage hypothesis due to high bi-directional flows between formal and informal sectors. Education years play an important role in reducing movement into the informal sector and increase the transition from informal wage status to the formal one. The findings can serve as evidence for formulating effective policies related to promoting inclusive and quality employment.

**Keywords**: Worker Characteristics; Labour Mobility; Formal and Informal Sector; Labour Market States.

## Session 27B-11

# JOB, WORKING BUSINESS, ORGANIZATIONAL BEHAVIOURS

**Dang Huu Phuc** 

Session Chair

University of Economics Ho Chi Minh City, Vietnam

### Le Nhat Hanh

ACBES Coordinator

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## Job Performance in the Remote Work Context: Do not Ignore Work-Life Balance, Stress, and Conflict

#### Nguyen Nhut Phuong Uyen

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#### Abstract

*Problem Statement:* Working from home in an epidemic situation is inevitable even though the remote work culture is not popular in Vietnam. This study aims to provide factors that impact on the employee effectiveness during the remote work context by COVID-19 pandemic situation in Ho Chi Minh City, Vietnam.

*Methodology:* This study utilized a quantitative method to analyze employee outcomes, based on a survey of 270 employees working at different firms remotely in Ho Chi Minh City. After measuring the reliability and validity of scales by Cronbach's Alpha and Exploratory Factor Analysis, regression model analysis was conducted to evaluate the relationship of employee job performance in the remote work context by SPSS 25.

*Findings:* The results indicated that work-life balance has a positive relationship with job performance. Stress, conflict issues that come from colleagues and the family have a negative influence on job performance in the remote work context.

*Principle conclusion:* Work-life balance plays a crucial role in employee productivity. Stress and conflicts affected work performance negatively. The regression analysis also presented that family-work conflict was the greatest negative influence whilst stress experienced the lowest negative influence on job performance in context for remote working.

**Keywords**: Job Performance; Work-Life Balance; Stress; Co-Worker Conflict; Family-Work Conflict; Remote Work.

## Working Title: The Missing Ingredient of Organisational Culture Scale in East Asia

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#### Abstract

In the global business world, organisational culture is a popular topic often investigated. As the majority of theory about organizational culture has been created in the Western context, many cultural dimensions did not associate with organisations' performance in Asia. That leads to asking if relevant dimensions of OC are measured in the Asian context and if so, are accurate questions used to capture those dimensions. In this study, we aim to propose an OC questionnaire applicable to the Confucian Asian context and specifically, to Vietnam and China. A mixed-method approach has been used for building up new items. Regarding the qualitative study, the first group comprised 52 full-time Vietnamese participants working in Hanoi city (the capital) and Ho Chi Minh city (the South), Vietnam. The second group consisted of 41 full-time Chinese participants working in several cities in China. As a result, 27 items have been selected to form a new questionnaire. Then the authors use a quantitative study to examine the new questionnaire so 307 valid surveys were collected from Vietnamese respondents. As this is a working paper, we are currently in the methodology chapter.

**Keywords**: Organizational Culture; Task Orientation; Relationship Orientation; Workplace Incivility.

## **Enhancing Job Satisfaction in the Remote Context: The Roles of Digital HRM and Work-Life Balance**

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### Abstract

*Problem Statement:* Human Research Management in the digital age has been explored by various findings thank to its beneficial practices for both organization and employees. This study aims to investigate the effect of digital HRM in association with work life balance and employee's job satisfaction in remote work context.

*Methodology:* This study utilized a quantitative method to analyze the effect of digital HRM related to employee's job satisfaction. 215 employees working remotely at technology and construction firms in Ho Chi Minh City was gathered by a survey questionnaire. After measuring the reliability and the validity of scales by Cronbach's Alpha and Exploratory Factor Analysis, regression model analysis was conducted to evaluate the impact of digital HRM in the relationship between work life balance and job satisfaction in the remote work context by SPSS 25.

*Findings:* The results indicated that digital HRM practices has a significant impact on worklife balance and employee's job satisfaction in working remote condition. This study also shows that work-life balance has positive impact on job satisfaction as well as playing a mediator role in the relationship between digital HRM and job satisfaction in working remote condition. *Practical implications:* The implementation of digital technology on HRM practices and the role of work life balance are able to boost employee's job satisfaction based on this research. It is necessary for management to care about the human resource strategy and employee's work life balance in terms of remaining and enhancing their satisfaction of job in the remote context.

**Keywords**: Job Satisfaction; Work-Life Balance; Digital HRM Practices; Remote Work; Teleworkers.



# Session 27B-12 COVID-19 PANDEMIC AND IMPACTS

### Harvey Nguyen

Session Chair Massey University, New Zealand

### Nguyen Trung Thong

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

### Exchange Rates and Capital Flows in Emerging Economies: The Impact of Covid-19

#### **Thong Trung Nguyen**

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#### Abstract

The increasing capital flows have set an interesting question of whether different capital flows have different impacts on exchange rate volatility in emerging markets, especially during Covid-19. To measure the possibly different impacts that could happen from the different types and directions, this paper divides capital flows into FPI, FDI inflows and outflows. This paper examines the effect of different types of capital flows on the exchange rate volatility in emerging economies during 2002-2020 and the characteristics of capital flows to these markets. This paper also considers the impact of Covid-19 on exchange rate volatility in emerging economies. The result suggests that the composition of capital flows determine the impact of the flows on exchange rates, and the exchange rate tend to be more volatile during Covid-19.

Keywords: Capital Flows; Exchange Rate; FDI; FPI.

## Mobile Banking: An Analytical Study on Aftermath COVID-19 and Gratification from the Aspect of KANO Model

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#### Abstract

The purpose of the present research paper is to understand the research questions related to M-banking. It is the time call to take up Virtual Banking (VB) with Zero Contact Banking (ZCB) as a preventive measure to COVID-19. The study also admits the comparative analysis on the gratification of M-banking users considering factors/attributes of the Kano Model. The researcher has undertaken Integrative Approach (IA) for both, literature reviewed and survey observed.

Both primary data through well-structured questionnaires from 900 M-banking users of SBI, HDFC, and Citi Bank (300 from each) and secondary data from published sources have been centered and cited to understand the syntactic research gap. The researcher has followed Stratified Random Sampling for sample banks considering the date of establishment, volume and value of M-banking transactions, number of employees, and Convenient Random Sampling for M-banking users, to make the sample representative.

The researcher has drawn an epilogue purely on the basis of data collection and analysis. The researcher has conducted Pearson's Product Movement Correlation, to suggest a correlation on Y-intercept Model to show an association between volume and value of M-banking transactions of SBI, HDFC, and Citi Bank and suggested a model fit to regression equation.

Keywords: Virtual Banking; Gratification; Kano Model; Marketing Research Theory.

## MAX in a Frontier Market Before and during Covid19 Pandemic

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#### Abstract

We are the first to examine the MAX anomaly in a frontier market before and during the Covid19 pandemic. Our sample contains 39,673 firm-month observations of non-financial firms in Vietnam from August 2008 to March 2021. Using both the Fama-MacBeth regressions and the portfolio analyses, we document the return predictability of the MAX anomaly robustness after controlling for numerous essential variables, such as book-to-market ratio, market capitalization, illiquidity, idiosyncratic volatility, turnover ratio, momentum, and short-term reversal. Our findings report that the MAX effect does not subsume the IVOL anomaly, while the MAX anomaly subsumes skewness. Finally, we detect that the MAX anomaly persists for the period before and during the Covid19 pandemic. Our findings align with market efficiency theory, anchoring theory, and prior literature.

Keywords: MAX; Limit to Arbitrage; Lottery; Skewness; Covid19; Anomalies.

### Impact of Covid-19 Pandemic on Network of Asian Stock Markets

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#### Abstract

*Purpose:* This paper examines the effects of the Covid-19 first wave on a network of ten different Asian stock markets between September 2019 to November 2020. The dynamics of the network is studied in three phases, namely, as before, during, and the stabilization phase of the pandemic's first wave.

*Methodology:* The study computed correlation matrix to analyse hierarchical structure of the network by building a dendrogram which groups the stock indices into clusters. The study further visualizes the interdependence structure among Asian stock markets using Minimum Spanning Tree (MST).

*Findings:* Our study results shows the degree of interconnectedness between Asian stock markets during the pre-pandemic phase, during first wave of pandemic phase and stabilization phase. The degree of interconnectedness is found to be reducing during the first wave of pandemic phase because of the country-wide lockdowns. Further, the study identified that Singapore and Hong Kong are the two stock markets that acted as a key bridge markets during the entire period. Stock market of Pakistan is found to be least linked with the other stock markets in Asia.

*Originality:* The study enriches the growing literature on the impact of heath crises such as COVID-19 on the financial network of stock markets. It adds novelty by capturing and visualising the interlinkages in three phases of the studied time period using graph theory and network analysis.

Keywords: Covid-19; Networks; Minimum Spanning Tree (MST); Stock markets; Asia.

## Vietnam Financial Market: Inside the Gold-Stock-Bond Relationship under Implications of COVID-19 Pandemic

#### Le Van

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### Abstract

In this paper, we examine the relationship between three important investments of the Vietnam financial market that include world gold, domestic stock, and government bond. Of which, we employ the tri-variate generalized autoregressive conditional heteroskedasticity methodology for such return series for 2010s decade and the period of COVID-19 pandemic (first six months of 2020). We find evidence of a chain relationship from 2010 to 2019 that world gold price positively affects VN Index, and this index positively affects government bond. Such transmission is best explained by the dynamic conditional correlation mechanism. During COVID-19, domestic stock and bond become constantly correlated that world gold price negatively affects VN Index and positively affects government bond return. Besides, our two-period gold-stock-bond portfolio assessments reveal a dramatic increase in the holding weight of world gold that brings back an interesting risk-adjusted return. While domestic stock and bond turn positively correlated under impacts of COVID-19, the gold investment generates amazing hedging effectiveness in an emerging and developing market such as Vietnam, especially following its success in protection and control of the pandemic.

Keywords: Gold Price; Stock Return; Bond Return; COVID-19; MGARCH.



# Session 28-1

### **CORPORATE FINANCE II**

### Dao Le Trang Anh

Session Chair Lincoln University, New Zealand

### **Duong Duy**

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

### **Start-ups Financing:**

### Is the Busiest Place the Most Successful Place?

#### Nguyen Thi Hanh

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#### Abstract

Entrepreneurship and entrepreneurial financing are topics of interest to many scholars, especially in Vietnam, which has attracted large amounts of fund from venture capital in recent years. The study aims to find out a paradox whether Ho Chi Minh City, which was known as the cosmopolitan city in Vietnam, is a place that makes it easy for startups to attract capital. Using a completely new and unique dataset on start-ups in Vietnam, which includes 222 observations in total. Research shows that ventures established in HCMC face more difficulty raising capital from venture capital than elsewhere. The reason is pointed out that the joining of foreign investors from the early stage when the start-ups has not yet established becomes a large barrier for the next investors. Another important finding is that the ratio of female founders in management boards has no bearing on the star-ups's financing result. Which is quite interesting in a country influenced strongly by Confucianism and Confucius culture where men are valued more than women. This study contributes empirical evidence of location and entrepreneurial financing and contributes to the existing literature by discussing the story behind. This study faild to find the relationship between the founder's education and the results of financing.

Keywords: Start-Ups Financing; Foreign Direct Investment; Female Founders.

### **Employee Welfare and Firm Financial Performance Revisited**

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#### Abstract

We revisit the relationship between employee welfare and firm performance using a sample of more than 4,500 U.S. listed firms spanning the period from 2001 to 2015. The research result confirms a positive association between employee-friendly practices and firm performance indicated by Tobin'q. Next, we find that employee welfare positively links with firm-level productivity. Weak evidence shows that R&D activities increase with employee welfare. Further, the effect of employee welfare on financial performance is more pronounced for human-intensive firms and firms operating in industries with a higher level of competition.

Keywords: Employee Welfare; Employee-Friendly Practices; Financial Performance.

### **Vietnam Listed Company Awards and Firm Performance**

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#### Abstract

While reporting awards should be primarily based on reporting quality, we find no evidence that listed firms on the Vietnam Stock Exchange winning the Annual Report Awards (ARA) over the period 2009-2017 exhibit higher reporting quality. We document that larger firms, firms with past ARA, more profitable firms, and firms with high foreign ownership are more likely to win the awards. However, firms winning the ARA neither show superior future accounting performance nor higher market valuation. While we find firms winning the ARA gain more market visibility, investors are not compensated with higher stock returns, as one would expect if winning the ARA leads to lower information asymmetry and higher investor recognition. Taken together, our findings suggest that the criteria applied to selecting the ARA winners do not reflect common academic signals of reporting quality. Investors should also be cautious with the immediate expectation that the ARA winners signal superior future corporate performance or investment returns

Keywords: Company Awards; Information Asymmetry; Reporting Quality; Stock Return.

## Debt Maturity, Asymmetric Information and Financial Reporting Quality in Vietnam

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#### Abstract

In this study, we investigate the correlation between asymmetric information and the choice of corporate debt maturity. We also consider how the quality of financial report adjust the impact of asymmetric information on debt maturity structure. By using the panel data of Vietnamese listed firms over 2007 - 2017 period, the empirical evidence supports that firms would obtain more long-term debt if they could reduce the asymmetric information. However, asymmetric information only impacts on the choice of debt maturity for firms with low financial report quality.

Keywords: Debt Maturity; Asymmetric Information; Financial Reporting Quality.



### **CORPORATE GOVERNANCE**

### Anh Tuan Le

Session Chair

National Central University, Taiwan and University of Economics Ho Chi Minh City, Vietnam

### Huynh Ngoc Quang Anh

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

## Does Board Tenure Diversity Drive Investment Efficiency? An International Perspective

#### Anh-Tuan Le

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#### Abstract

In this study, we examine whether and how board tenure diversity affects firm investment efficiency. Using an international sample of firms located in 45 countries over a 20-year period, we find that firms' investment efficiency is significantly higher in higher board tenure diversity. Board tenure diversity is beneficial to firms because it reduces sub-optimal investment in both forms of over-investment and under-investment. We also find that the relationship between board tenure diversity and investment efficiency is stronger when the directors have longer tenure and when firms face financial constraints. In addition, we show robust evidence that the beneficial impact of board tenure diversity on investment efficiency is more pronounced for firms in countries with better institutional quality, greater shareholder protection, and higher societal trust. Overall, our results highlight the bright side of board tenure diversity in shaping corporate investment efficiency.

Keywords: Board Tenure Diversity; Investment Efficiency; Director Tenure.

## **Board Composition and Risk Taking after the Financial Crisis – Evidence from U.S. Banks**

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#### Abstract

*Purpose:* This paper investigates the changes in board composition and risk taking of U.S. banks following the financial crisis and how board composition affects banks' risk-taking.

*Design/methodology/approach:* Using US banking data from 1998 to 2018, we employ both linear regressions and Probit regressions to analyze the relations between board compositions of bank risk-taking. Instead of approaching only one risk measurement, this methodology focuses on both overall industry risk and individual bank risk. Four measures of risk are used in this study: i) Non-performing asset ratio; ii) the ratio of equity to total assets, and iii) the volatility of bank stock returns, and Z-score. Besides, we also classify independent factors, based on previous studies, into two groups: Board Characteristic and CEO Characteristic.

*Findings:* We find that banks increase risk-taking in the post-crisis relative to the pre-crisis period, and board size and the ratio of male directors are positively related to bank risk-taking. Other factors that relate significantly to bank risk include CEO busyness, CEO compensation, CEO age, and gender of the Chair of Audit Committee.

*Originality/value:* This paper provides implications for Banks concerned about Board Characteristic and CEO characteristics.

Keywords: Board Composition; Bank Risk-taking; Financial Crisis.

# CEO Overconfidence and Future Firm Performance: A Moderated-Mediation Analysis with Empirical Evidence in France

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#### Khanh Tin Nguyen

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#### Abstract

This study conducts a new approach to investigate the indirect relationship between the overconfidence of Chief Executive Officer (CEO) and firm performance in the future. By researching both family-owned and non family firms in French from 2010 to 2019, we find that CEO overconfidence has a significant influence on not only the subsequent firm performance but also the Real Earnings Management (REM) activities in corporations. Furthermore, the more overconfident the CEOs are, the more success firms perform. Besides, the results express the negative influence on REM activities of CEO overconfidence. In addition, we can not find any evidence related to the mediating effect of REM and moderating impact of family-owned firms on the indirect relationship between CEO overconfidence and performance of firms in the future.

**Keywords**: CEO Overconfidence; Subsequent Firm Performance; Mediating Effect; Moderating Effect.

## Determinants of Bank Risk-taking Behavior: Do Strategic Interactions Matter?

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#### Abstract

This study tests for strategic interactions in relation to bank risk-taking, using panel data on Vietnamese commercial banks over 2007-2018. This study provides a nuanced picture of the underlying mechanism that shapes risk-taking behavior related to regulatory, macroeconomic, and bank-specific factors. Our study highlights the impact of strategic interactions on bank risk-taking incentives, which is crucial to explaining bank behavior. We find that a high value of competitive strategy measure encourages risk-taking. In this study, we extend the risk-based theory by focusing extensively on strategic interactions. Moreover, we demonstrate how asset growth moderates the relationship between strategic interactions and risk-taking incentives. We provide evidence that potential benefits from growth in bank size, such as diversification and reaching too-big-to-fail status, help alleviate the uncertainty of net effects under strategic complements scenario. We contribute to the debate on risk-taking by drawing the attention of bank managers to the importance of asset growth in maintaining market share. Our results support the existing banking regulations in Vietnam, which force commercial banks into driving growth.

**Keywords**: Strategic Interactions; Bank Risk-Taking; Asset Growth; Competitive Strategy Measure.

## Session 28-3

# FINANCIAL DEVELOPMENT AND PUBLIC POLICY II

### Nguyen Trong Hoai

Session Chair

University of Economics Ho Chi Minh City, Vietnam

### **Phan Chung Thuy**

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

### RMB's Inclusion into SDR and the Impossible Trinity in China

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#### Fan Yuan

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#### Abstract

This paper explores the dynamics and features of the impossible trinity in China along the path of the RMB exchange rate reform and its inclusion into the SDR. By applying the synthetic model of Ito & Kawai (2014) and Azieman et al. (2008) to Chinese data for the period between 2002 and 2019, we first find structural breaks in China's exchange rate stability in the year 2005 when China started its market-oriented exchange rate reform, and 2016 when RMB was included into the SDR. More importantly, we find that along the path of RMB exchange rate reforms and RMB's inclusion into the SDR, China has adopted a more flexible exchange rate regime, and become more financially open, monetarily independent, and less reliant on international reserve hoarding.

Keywords: Impossible Trinity; Special Drawing Rights; RMB.

## FDI Determinants: Does Sub-national Institution Matter? Evidence from Vietnam

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#### Abstract

This study explores the influence of local institutional quality on Foreign Direct Investment (FDI) attraction in provinces and cities of Vietnam in 2015-2020. The results from the estimation model show that local institutions positively affect FDI in the form of total newly registered capital and purchased share. However, that of additional capital is reverse. In addition, the analysis of the sub-index of institutional quality shows that the ease of entering the market, time costs, and informal costs are three critical factors affecting FDI attraction in host local. The robustness test provided evidence that the estimated results are relatively stable using different dependent and institutional measures. Finally, the policy implications and limitations of the study are also discussed in this study.

Keywords: Institution Quality; Sub-national; FDI; PCI; Vietnam.



### Land Disputes in Vietnam:

### The Role of Fiscal Decentralization and Foreign Direct Investment

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#### **Trung Kien Tran**

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#### Abstract

This paper explores the role of fiscal decentralization and Foreign Direct Investment (FDI) in the level of land disputes in Vietnam. To promote economic growth, the trend of fiscal decentralization and Foreign Direct Investment attractiveness has been increasingly prevailing in local authorities in Vietnam. However, along with this trend, the number of land disputes has been considerably alarming. There are few empirical studies on the effects of these factors on land disputes, especially at the local level. Interestingly, we empirically conduct the evaluation of the effects of fiscal decentralization and FDI on the level of land conflicts in 19 Southern provinces in Vietnam. The result indicates both fiscal decentralization and FDI aggravate the state of land disputes in these provinces.

Keywords: Fiscal Decentralization; FDI; Land Disputes.

## FDI and Air Pollution in Developing Countries: The Roles of Institution and Fiscal Policy

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### Abstract

As a catalyst, Foreign Direct Investment (FDI) promotes economic growth, especially in developing countries. Nevertheless, the level of air pollution has seriously alarming in many countries. The environmental effect of FDI is up to the role of government in each country. This paper is to examine the role of government interm of two main dimensions which are the quality of institution and fiscal policy in the relationship between FDI and air pollution in developing countries. The empirical result indicates hat FDI has generally a significant effect that increases the level of air pollution in developing countries. Particularly, the quality of institution has significance to reduce air pollution as well as the environmental effect of FDI. In term of fiscal policy, the increase in tax and public expenditure creates benefits that help to reduce the air pollution in these countries.

Keywords: FDI; Air Pollution; Insitution; Fiscal Policy.



## Session 28-4

### FINANCIAL MARKETS II

### **Huong Trang Kim**

Session Chair Foreign Trade University, Vietnam

### Phan Dang Bao Anh

ACBES Coordinator University of Economics Ho Chi Minh City, Vietnam

## Does Stock Market Care about Climate Change? An Approach from the Impact of Media

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#### Abstract

Does climate change news have an impact on financial markets? We study whether the climate change news index proposed by Engle et al (2020) is priced in equity market. We estimate the risk premium of climate change news by applying the tracking portfolio approach proposed by Lamont (2001) and conclude that the risk premium is statistically and economically significant. Furthermore, we find that climate change news increases the risk premium of fossil-fuel industries and firms in carbon-intensive industries. "value" portfolios and "big" portfolios are affected more negatively by climate change news than "growth" portfolios and "small" portfolios. We also study whether the impact is different for firms headquartered in Democratic states and Republican states.

Keywords: Asset Pricing; Climate Change; Climate Change News; Cross Section of Stock Returns.

# Dynamic Spillover Effect and Hedging between the Gold Price and Key Financial Assets: New Evidence from Vietnam

#### Ngo Thai Hung

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#### Abstract

This study investigates the interlinkage of gold markets and Vietnamese asset classes at multiple investment horizons. We study the price and volatility spillovers of gold and the selected assets over different time horizons using a hybrid wavelet-based VAR-GARCH-BEKK approach. The findings show strong evidence that the spillover effects between time series are time-varying across various wavelet scales in terms of direction and strength. The connectedness for various market pairs is weak in the short run but eventually strengthened toward the long run. We also analyze the multiscale behavior of hedge ratio for optimal portfolio allocation decisions, which decompose volatility spillovers, allowing investors to adapt their hedging strategies. These results shed light on the crucial role of gold in the diversification and hedging of Vietnamese assets.

**Keywords**: Vietnam; Stock Market; Foreign Exchange Rates; Optimal Hedge Ratio; Multiscale Analysis; Volatility Spillover.

## Call Option Pricing Model and Recovery Theorem: A Specific Case of Pricing Warrants

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#### Abstract

Warrant is normally priced on the basis of Black and Scholes' model, which refers to calculations in a risk neutral world. Hence, it neither captures the market expectation nor being a good reference for the risk management process. This study examines a new way of pricing warrants under the real world probability by utilizing the recovered Vacisek short rate model. Applying Carr and Yu's recovery model, an extended version of Ross Recovery Theorem, we managed to recover the Vasisek process. Then, suppose that the economy is driven by this recovered Vacisek process, we point out a valuation model for the warrant of an underlying stock. We deduce that by applying the recovered Vacisek model we can derive the warrant price under the real world probability without the assumption of the market price of risk as in the risk neutral model.

Keywords: Risk Measure; Recovery Theorem; Warrant Pricing Model

# Vietnam Diplomatic Events and Stock Market: Event Research and Spread Effects from TVP-VAR Dynamic Connectedness Model

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#### Abstract

This research assembles six diplomatic events including the Chinese Foreign Minister and the U.S. Secretary of State for an official visit to Vietnam. The authors used data from 251 securities codes on the Ho Chi Minh Stock Exchange (HoSE) from July 28, 2000 to January 3, 2021. The two main methods used in the article are: Event study and Dynamic connectedness by TVP-VAR (Time-varying parameter Vector Autoregression) across three stock markets: the United States (Standard&Poor's 500), China (Hangseng) and Vietnam (VN-Index). The study results show that political events that affect stock codes having trade relations between the two countries. The results of dynamic connectedness show the influence and linkage between three stock markets. The authors' research affirms the role of effective market theory in explaining fluctuations in Vietnam's stock market. In addition, the dynamic connection method implies that policymakers need to pay attention to abnormal fluctuations in connectivity.

Keywords: Diplomatic Events; Stock Markets; Investors; Policymakers.



# Session 28-5 EDUCATIONAL BUSINESS

Nguyen Van Dung

Session Chair

Southern Taiwan University of Science and Technology, Taiwan

Tran Thi Tuan Anh

ACBES Coordinator

University of Economics Ho Chi Minh City, Vietnam

# Is a Livable City Associated with a Suited Place for Higher Education? The Case of Danang City, Vietnam

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### Abstract

Danang – a socio-economic centre of Central Vietnam, leading the Provincial Competitive Index continuously – is considered as place branding pioneer. However, it has been struggling with attracting investors who need a harmonizing environment for living, doing business, and visiting. Hence, this study explores the Danang image in the mind of students – the prospect talents whose expectation reflects the shared desires of other groups. With mix methodology conducted by profound metaphor and concept mapping techniques, the two-stage study includes 345 participants in total. The findings show Danang branding advantages toward citizens and visitors because of the strong identity-image match regardings a livable environment, friendly people, tourism led by culture and nature. The prestigious university is an obvious concern ewhen thinking about Danang as a university city, although no educational traits appear when memorizing Danang merely. Interestingly, non-locals, who have a more complex image model in which job opportunities connected to integration indirectly, care much more about culture as compared to inhabitants. Then some implications related to the regional role of Danang in higher education are given. The research considers students as an essential city stakeholder for other resources attraction, therefore contributes to rare relevant studies.

**Keywords**: City Branding; Place Image; Brand Concept Map; Higher Education Destination; Danang City; Vietnam.

# The Effect of Service Quality and Perceived Value on Student Satisfaction. A Case Study of Higher Education in Vietnam

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## Abstract

Higher education has a significant role in the development of the human resources of each country. Recently, many changes from the business environment make universities need strategies to adapt to market orientation and learners' needs. The role of service quality and perceived values in the ability to satisfy learners' needs is increasing. The study aimed to test the relationship of service quality, perceived value and student satisfaction through a dataset collected from 658 students studying at universities in Vietnam. SEM model analysis have shown the positive effects of 4 factor of service quality including academic staff, facilities, non – academic processes, programming issues on perceived value and student satisfaction. Besides, perceived value also influenced on student satisfaction. Meanwhile, the role of industry interaction of student satisfaction was not clear. The findings support university managers and policy-makers in enhance student satisfaction in a tremendous change context.

Keywords: Student Satisfaction; Service Quality; Perceived Value; Higher Education Service.

# Community Extension Service of A Philippine Private University: Impact to Beneficiary's Quality of Life

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### Angelita C. Tan

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#### **Carmen A. Aldovino**

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# Abstract

Literature has revealed that there are a variety of ways for business executives to develop into more effective business leaders, such as role modeling and setting high standards for performance (Yukl, 2014). Taken together, these studies demonstrate considerable variance in the types of exposure, environment, and support available to leaders. Despite these advances in the field, further theoretical and empirical contributions are needed to enhance a deeper understanding of leadership development.

This study attempted to conceptualize a framework that may serve as a guide for leadership development of business and management executives in one of the most progressive regions in the Philippines; i.e.CALABARZON region composed of the provinces of Cavite, Laguna, Batangas, Rizal, and Quezon. A total of two hundred sixty-seven respondents from nine highly urbanized cities in CALABARZON were selected as respondents of this study. Findings revealed that from seventy-eight different experiential activities contributing to leadership development, forty-three remain as significant. Further analysis compartmentalized these remaining activities into four specific domains; socio-economic-interpersonal, education, challenges-adversarial and technology dimensions. Imperative to these activities is a support system and stimulus. The analysis uncovered three main categories of support systems, these are "money", "work-related" and "external". While for the stimulus, the emerging categories are "family", "self-satisfaction" and "encouragement".

Finally, a lifelong learning framework towards leadership development was developed which included the four experiential activities (i.e. socio-economic-interpersonal, education, challenges-adversarial, and technology dimensions), support system and stimulating factors.

**Keywords**: Lifelong Learning; Leadership Development; Support System; Stimulating Factors; Exploratory Analysis.

# The Influence of Service Value on Customer Satisfaction: Evidence from Higher Education Service in Vietnam

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# Abstract

The study aims to examine the impact of service value on student satisfaction at public universities in Vietnam. Through primary data sets from 624 students from 4 public universities, by testing and analyzing the SEM model. The results showed the impact of four factors constituting service value, including epistemic value, social value, emotional value, and functional value, on student satisfaction. These results provide policy implications for university management teams and policy-makers in planning higher education development strategies in Vietnam.

Keywords: Student Satisfaction; Service Value; Higher Education Services.

# Session 28-6

# TECHNOLOGICAL, GREEN, AND GROWING ECONOMY

# Nguyen Truong Toan

Session Chair

The University of Queensland, Australia

# Nguyen Trung Thong

ACBES Coordinator

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# **Determinants of FDI Inflows:**

# Sectoral Evidence of Financial and Technological Development

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### Abstract

This study endeavors to further analyze the determinants of FDI inflows by focusing on 15 sectoral flows. Notably, the study examines the roles of two important economic-technological facets, namely financial development and Internet/mobile phone usage, in attracting sectoral FDI. Empirical results are estimated from a unique dataset of 78 economies from 1995 to 2012 by the twostep system generalized method of moments estimate. The results show that (*i*) financial development or technological development appears to reduce total FDI inflows, but (*ii*) they have heteroscedastic effects on sectoral FDI inflows. Specifically, both financial development and technological development are found to decrease inflows of FDI in agriculture, mining, oil and petroleum, manufacturing, transportation, utilities, trade services, and other services, business services, and aggregate services. At last, financial development reduces FDI inflows in real estates and tourism, while technological development increases these sectoral FDI.

**Keywords**: Sectoral FDI; Financial Development; Internet; Mobile Phones; Marginal Effects.

# Logistics Performance and CO<sub>2</sub> and non-CO<sub>2</sub> Emissions: Evidence from Asian Countries

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#### Abstract

Logistics activities produce a certain amount of  $CO_2$  and non- $CO_2$  which have serious impacts on the environment. The purpose of this study is to examine the correlation of logistics performance index, foreign direct investment, industrial added value, and trade openness on  $CO_2$  and non- $CO_2$  emissions in a panel of 41 Asian countries over the period 2007-2018. The system generalized method of moment regression model is employed to estimate the impacts. The results show that the ease of arranging competitively priced international shipments and the competence and quality of logistics services decrease  $CO_2$  emissions. On the other hand, the more increased the ability to track and trace consignments, the more increased  $CO_2$ emissions in the short term. The positive impact of foreign investment and industry value added on  $CO_2$  emissions is found in this study. The ease of arranging competitively priced international shipments negatively affects non- $CO_2$  emissions in the short term while the impact of industry added value on non- $CO_2$  emissions is positive. The overall results conclude that the logistics performance indices are significantly correlated with the emissions of  $CO_2$ and non- $CO_2$  which result in formulating the policy for the sustainable development of logistics by controlling the  $CO_2$  and non- $CO_2$  emissions in Asia.

**Keywords**: Logistics Performance Index; CO<sub>2</sub> Emissions; Non-CO<sub>2</sub> Emissions; Environment; Sustainability; Asian Countries.

# Do Green Growth and Technological Innovation Matter to Infrastructure Investment? Global Evidence

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#### Abstract

The notion of green growth has emerged as an international policy discourse and response to climate change and ecological breakdown, designed to improve the demand-based and production-based emissions through a nation's investments in its technological innovations and environmental-related expenditures. Equally, infrastructure investment plays an important role in the provision of fundamental demands and needs such as transport, utilities, communication, and energy. Thus, both 'green growth' and 'infrastructure investment' are of critical importance for achieving sustainable development goals and enhancing the social and economic productivity of any country.

Recent economic simulations indicate that to safeguard reasonable levels of economic growth, the operationalisation of a wide portfolio of technologies is necessary to achieve Paris accord targets and realise economic sustainability. It is estimated that the global investment within infrastructure requires circa \$94 trillion channelled towards infrastructure investment by 2040, with the current infrastructure investment gap (deficit) equating to \$15 trillion. Importantly, new ESG mandates within the investment sphere see 'green infrastructure' as a new approach in climate change mitigation and adaptation which can also deliver enhanced returns performance whilst meeting the green growth agenda.

Consequently, this study investigates the nexus between green growth and infrastructure investment trends through a global investigation of 56 countries for the period 2000-2020. Employing data extracted from Global Infrastructure Outlook, World Bank, and OECD

statistics based on the STIRPAT and IPAT frameworks, several econometric approaches including multiple regression, unit root, cross-sectional dependence, and cointegration tests are employed. The study detects long-run co-integrating relationships amongst infrastructure investment trends, green growth, and environmentally-related spending. Furthermore, the findings indicate environmentally-related taxes and R&D expenditure on green growth are critical to the investment trends for infrastructure. The findings are consistent but volatile when controlling for different factors in the sample and reveal important policy implications, country-specific insights, and directions for future research investigations.

Keywords: Risk Measure; Recovery Theorem; Warrant Pricing Model

# Total Factor Productivity Growth of Vietnamese Enterprises by Sectors and Regions: Evidence from Panel Data Analysis

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### Abstract

Total factor productivity growth (TFPG) is an important indicator to evaluate the development model of enterprises. This study identifies and compares TFPG among enterprise sectors as well as enterprises in regions of Vietnam. The results of panel data analysis in the period 2005-2018 show that the growth of Vietnamese enterprises is mainly due to the increase in capital, especially the non-state enterprise sector and the Red River Delta. In the five years 2014-2018, the non-state enterprise sector and the Foreign direct investment sector had growth of Total factor productivity (TFP), while the state-owned enterprise sector fell sharply. TFP of the Northern midlands and Mountain areas, the Mekong River Delta and the South East are in a strong trend to increase. Meanwhile, the Central Highlands and Red River Delta tend to decrease, especially in the Central Highlands. The results from this study are a basis to suggest some implications for enterprises in sectors and regions to develop synchronously and reasonably appropriately.

**Keywords**: Total Factor Productivity Growth; Enterprise Sectors; Enterprises In Regions; Panel Data Analysis.



# **TOURISM AND CULTURAL ECONOMICS**

# Nguyen Luu Bao Doan

Session Chair

University of Economics Ho Chi Minh City, Vietnam

# Pham To Thuc Han

ACBES Coordinator

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# The Role of Tourism Infrastructure Development Investment in Attracting International Tourists: Evidence from Empirical Research in Vietnam

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### Abstract

Investment in tourism infrastructure development plays the key role in creating more and more attractive tourist destinations for countries. This paper investigates the significance of tourism infrastructure factors that attract international tourists through Vietnam's tourism data for the period 1995-2019. The results of data analysis by vector correction error model and cointegrating regression method shows that there exists a cause and affect relationship in the long term between components of tourism infrastructure to attract international tourists to Vietnam. Investment in transport and communication infrastructure as well as investment in the hotel and restaurant industry have had a positive impact on attracting international tourists to Vietnam. Research results have not found a statistically significant coefficient on the role of investments in recreation facilities on attracting international tourists to Vietnam, but they still have a positive effect.

**Keywords**: Tourism Infrastructure; Attracting International Tourists; Transport and Communication Infrastructure; Hotels and Restaurant Industry.

# Colonial Heritage Building in Bandung City, Indonesia and Can Tho City, Vietnam, as a Tourism Business Potential: A Comparative Study

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### Abstract

The tourism industry in Indonesia and Vietnam has some similarities in natural, geographic, cultural, and European colonial building artifacts. This study aims to compare the potential utilization of colonial heritage buildings as tourist attractions in Bandung City and Can Tho City. This study used a qualitative approach with comparative research methods. This method is flexible which can examine two or more cases, objects, events through their similarities and differences. The object of the research is the Dutch colonial heritage buildings in Bandung City and the French colonial heritage buildings in Can Tho City. Several colonial heritage buildings in both cities are used as city landmarks, government offices, public facilities, and tourist attractions. The results show that there are differences in the utilization of the potential of the colonial heritage buildings which influenced by various factors especially business interests. In fact, several colonial heritage buildings in the city of Bandung have been turned into modern hotels or factory outlets. This change in function has removed historical values, building characteristics, and the atmosphere of the past. Therefore, an innovative approach is needed in

building tourist attractions in order to be able to preserve heritage values and create competitive value.

Keywords: Business; Colonial Building; Heritage Building; Innovative; Tourism Industry.

# Hometown and Organisational Commitment under the Institutional Change: The Case of Vietnam

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## Abstract

To enhance Human Resource Management (HRM) under the rapid changes all over the world, labour force with cultural diversity is a considerable issue in improving the organisational efficiency. Organisational Commitment (OC) is a theoretical framework that has been used to assess employee's attachment, loyalty, and responsibility to organisations in which they are employed. Institutional theory can be used to describe which institutions influence individual behaviours. Institutional frameworks can also be used to examine changes that occur in society over time and how these changes may influence behaviours. Vietnam has undergone enormous changes over the past 30 years, to an open market economy with a large influx of international companies. Incomes have increased and the level of education has increased. These substantial and rapid changes have had an impact on labour force migrating from rural to urban areas and these changes affect OC among employees in Vietnam. This qualitative study was conducted on face-to-face interviews with high-educated employees. The findings indicate that employees from different regions have different nature and practice of OC. This study provides applied and policy contributions HRM practices in all organisations in Vietnam. It suggests that employees from different backgrounds may commit differently to organisations and therefore, HRM policy makers should recognise and accommodate this issue to enhance OC.

Keywords: Organisational Commitment; Hometown; Institutional Change; Doi Moi.



# Session 28-8 BEHAVIOURAL AND GREEN FINANCE I

# Khanh Hoang

Session Chair Lincoln University, New Zealand

# Huynh Thien Tu

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# Insider Signaling or Opportunism: An Investigation of Repurchase Activity

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### Abstract

This paper examines whether share repurchase announcements are signals of undervaluation or insiders' opportunistic activities by investigating insider trading patterns surrounding buyback announcements in the context of Vietnam. Consistent with the insider opportunism hypothesis, we show that insiders are net buyers before the repurchase announcement but they sell intensively after the event. We also find that repurchase announcements with postannouncement net insider selling are not followed by an improvement in firms' operating performance and experience underperformance in long-term stock returns. Overall, our findings suggest that a proportion of repurchase announcements in Vietnam are subject to insider opportunism problem; therefore, short-swing rules should be regulated to limit insider opportunistically trading around repurchase announcements.

**Keywords**: Share Repurchase; Insider Trading; Signaling Hypothesis; Insider Opportunism; Managerial Opportunism, Vietnam.

# Does Going Green Pay when Disaster Strikes? An Analysis of COVID-19 Pandemic

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#### Abstract

The Coronavirus health crisis (COVID-19) has provided opportunities for academics and practitioners to uncover key drivers of corporate resilience during the pandemic. Drawing on the literature on strategic implications of corporate social responsibility and exploiting the COVID-19 outbreak as an exogenous shock that urges firms to compete for limited government relief resources, we investigate how corporate "green image" enables firms' access to the CARES Act relief packages that aim to alleviate the economic consequences of COVID-19. We test our hypothesis using a large sample of 1,961 U.S. firms and find that firms with strong social and environmental performance are more likely to gain access to government resources and receive a larger amount of relief funds awarded through CARES assistance. The impact of firms' social capital on accessing the relief fund is more pronounced among firms most affected by the COVID-19 pandemic, firms heavily reliant on human capital, and firms with stronger political ties or better media coverage. Winning access to relief packages allows socially responsible firms to retain their human capital, build trust with their stakeholders, and reduce the probability of corporate default. The findings indicate that trust-building features of social capital can serve as signaling and differentiation strategies that affect scarce-resource allocation decisions of government agencies. We discuss the implications of our study for corporate strategic management, social capital research, and crisis management planning.

**Keywords**: Corporate Social Responsibility; COVID-19; Relief Funds; Social Capital; Trust; Corporate Default; Employment-Related Violations.

# Silent but Deadly: Political Corruption and Voluntary ESG Disclosure in the United States

### Khanh Hoang

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## Abstract

This paper investigates the impacts of political corruption and carbon risk on corporate Environmental, Social, and Governance (ESG) disclosure. As there has not been a law to enforce ESG disclosure in the United States (US), ESG disclosure remains on a voluntary basis regardless of the growing attention from market participants and society. Using a sample of US listed firms and state-level corruption data during 2005-2018, the study shows that political corruption affects corporate ESG disclosure in firms with better ESG disclosure. The empirical results reveal that carbon risk plays an incremental role in the relationship between ESG disclosure and corruption. This suggests that heavy-polluter firms benefit from local corruption and less likely to voluntarily disclose their ESG performance compared to their counterparts. The findings emphasize the importance of institutional quality and carbon risk on how US firms disclose their sustainability practices. From there, the study provides some recommendations for policymaking.

Keywords: Carbon Risk; ESG; Political Corruption; Polluters; United States; Voluntary Disclosure.



# Session 28-9

# FEMINIST AND FOOD ECONOMICS

Tran Tien Khai

Session Chair

University of Economics Ho Chi Minh City, Vietnam

# Le Thuy Khanh

ACBES Coordinator

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# Can Government Find the "Missing Women" in the Indian Workforce? An Analysis of Impact of Government Expenditure on Bridging the Gender Gap in Labour Supply

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### Abstract

Government fiscal policy has long been hailed as the ultimate tool of last resort to right societal wrongs. For developing economies facing acute shortage of women in its workforce, governments all over have been introducing gender sensitive policies. There exists a puzzling paradox in the Indian context, where economic growth and such initiatives co-exist with a declining female work force. This paper undertakes an interstate and inter country comparison of female labour participation with respect to the Indian performance. The standard labour supply model is extended to represent different opportunity costs faced by women and incorporate the effects of fiscal policy on consumption-leisure trade-off. A 'Probit' regression model is used to analyse the impact of government spending on the gender gap in labour force participation across states. Finding suggests that ineffective policy measures and a perpetual domination of substitution effect over income effect in the work-leisure trade-off. This work also incorporates the effect of the Covid-19 pandemic to show a disproportionate impact on Indian females entering the workforce and how the Indian labour market can emerge as resilient as that of some of its peers.

**Keywords**: Labour Force Participation; Fiscal Policy; Gender Gap; Supply Curve; Probit Regression.

# Sexual Orientations and Sexual Harassment: Evidence from Vietnamese Urban Workers

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### Abstract

Perceptions and awareness on sexual harassment are varied by sexual orientations. Furthermore, sexual orientations also create different ways of reactions and responses to sexual harassment cases. The main objective is to identify relationships among dimensions mentioned in Sexual Experience Questionnaires (SEQ) and sexual orientations. The study was taken in Vietnam and conducted in Covid-19 pandemic period by online questionnaires. 251 questionnaires from Vietnamese respondents were analyzed by Statistical Package for the Social Sciences (SPSS). The results showed that sexual harassment had happened and created different perceptions and reactions based on sexual orientations. The practical implications and recommendations are highlighted and suitable for all industries, especially, service and human-oriented organizations.

Keywords: Sexual Harassment; Sexual Orientations; Vietnamese Urban Workers.

# The Influence of Food Vlog on Dining Intentions of Ho Chi Minh City's Citizens

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## Abstract

*Purpose*: Referring to a product or service online has become part of the consumer shopping decision-making process. However, understanding of the impact of Vlogger recommendations on consumer purchase is still limited, especially in the F & B industry. Ho Chi Minh is a dynamic city with diverse cuisine styles and ranked at the top cities for street food.

By conducting research, the author aims to identify how Vlog recommendations might affect consumers' dining intention of Ho Chi Minh City's citizens. Then, advising Vloggers on how to increase the number of viewers. Food businesses also can open up new marketing directions in the F&B industry.

*Design/methodology/approach*: Qualitative research uses a 5-level Likert scale to explore the influence of Food Vlog on dining intentions of Ho Chi Minh City's citizens. 531 respondents living in the area participated in the survey through online or offline. The data are processed by SPSS 22.0 and Amos 20 software.

*Findings*: There are 5 factors that show the influence of Food Vlog on dining intentions of Ho Chi Minh City's citizen, including: Self-published product evaluation, Number of interactions, Trust, Perceived Usefulness, Purchase intention with a total of 19 observed variables, explaining 50.5% of the correlations in the model. When viewers perceived usefulness of the food vlog, it directly leads to purchase intentions.

*Originality*: This research would contribute to academic and practical sector in exploring the impact of food vlog towards consumer dining intention. The findings suggest food vlog to be a promising marketing strategy for F&B business.

Keywords: Consumer Behavior; Food Vlog; Food; F&B; Purchase Intention.

# Basic Psychological Needs as Drivers of Halal Food Purchase Intention

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### Abstract

*Purpose:* During the past two decades, a tremendous increase in the trend for purchasing and consuming Halal food has been witnessed both among Muslims and non-Muslims. However, the research on Halal food is still inchoate and needs further exploration. Moreover, there is a dearth of research addressing the impact of intrinsic motivation on Halal food purchase intention. By means of 'Self-Determination Theory' which is based on innate psychological needs of autonomy, competence and relatedness, the present study aims to explore intrinsically motivated Halal food purchase behavior.

*Methodology:* A total of 308 responses were yielded from online questionnaires. Partial Least Squares-Structural Equation Modeling (PLS-SEM) was then used to analyze the gathered data.

*Findings:* The results reveal that relatedness is the strongest driver of Halal food purchase intention, followed by competence while autonomy is found to be the weakest predictor for Halal food purchase intention. The findings give a new line to marketers to develop intrinsically motivated strategies with a special focus on close relationships.

*Originality/Value:* The present study is believed to be the first exploring the impact of 'autonomy', 'competence' and 'relatedness' on Halal food purchase intention.

**Keywords**: Halal Food Purchase Intention; Autonomy; Competence; Relatedness; Intrinsic Motivation; Self-Determination Theory.



# Session 28-10 EDUCATION ECONOMICS

# Vo Tat Thang

Session Chair

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# Le Nhat Hanh

ACBES Coordinator

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# **Education and Risk Attitudes: Evidence from Vietnam**

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## Abstract

The paper examines the relationship between education and risk attitudes. Additionally, this paper investigates the moderating role of non-cognitive skills, namely locus of control, in the link. Using data from Thailand Vietnam Socio Economic Panel (TVSEP) in Vietnam, the study employs various estimation methods including fixed-effects and random-effects model and generalized method of moments (GMM) estimator to investigate the effect of education on risk attitudes. The findings show that an additional year of schooling leads to a higher level of risk tolerance. Moreover, this result is heterogeneous by gender which is only significant among women but not for men. Lastly, locus of control moderates the relationship between education and risk attitudes. Some implications can be drawn from the findings. Education is one of the keys to influencing people's risk attitudes, which involves in their decision-making process. As a result, education provides individuals with more knowledge and efficiency in process information, which allows them to have a higher probability to make good decisions, aiming to achieve better economic outcomes.

Keywords: Vietnam; Education; Risk Attitudes; Locus of Control.

# The Effect of Fertility Rate and Education on Female Labour Force Participation: An ARDL Approach

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## Abstract

India has recorded unprecedented economic growth, technological advancement, and outstanding performance on most of the economic indicators yet it has witnessed a declining female labor force participation rate since the mid-20th century. The female labor force participation rate is an important engine for growth. This paper seeks to examine the relationship between education, fertility rate, and female labor force participation rate in India between 1987 and 2017. Underlying unrestricted error correction model and restricted error correction model of the autoregressive distributed lag model were employed to assess and distinguish between the short-run and long-run impact of education and fertility rate on female labor force participation rate. A series of variables proxying for inputs, participation, and outputs of education have been considered. The finding indicates that both education and total fertility rate factors significantly contribute to change in the female labor force participation rate. It is found that the role incompatibility hypothesis holds implying that it becomes increasingly difficult for women to manage their responsibilities as a mother and employee causing them to drop out from the labor force. The often ignored components of education, inputs, and outputs have a significant and positive relationship with the female labor force participation rate while primary gross enrolment rate and tertiary gross enrolment rate have varying impacts in the short-run and long run. This study provides significant empirical evidence to integrate the importance of quality education with gender demographics in employment, in not only economic but policy terms.

**Keywords**: Female Labor Force Participation Rate; Education; Fertility Rate; Autoregressive Distributed Lag; Time Series.

# The Impact of Tuition Fee Exemption and Reduction Policy on Schooling Enrolment of Vietnamese Children

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### Abstract

The study was conducted to determine the impact of the tuition fee exemption and reduction policy on the school enrollment of children from 6 to 17 years old in Vietnam. The research used the Vietnam Household Living Standards Survey dataset (VHLSS) for the period from 2006 to 2018. We use quantitative analysis using the Logistic model, Marginal effects and the Propensity Score Matching (PSM) method. The results suggest that the tuition fee exemption and reduction policy does not seem to have a positive impact on the probability of going to school as well as the number of years of schooling for Vietnamese children. Besides, for children who are eligible for the education incentive policy, their school rates decrease as their age increases. Moreover, beneficiaries of educational policies living in urban areas have a lower attendance rate than children of the same population in rural areas. Based on the above findings, some policy recommendations are proposed to enhance the effectiveness of tuition exemption and reduction policies on the schooling probability of students.

**Keywords**: Children; Number of Years of Schooling; School Enrollment; Tuition Fee Exemption And Reduction Policy; Vietnam.

# The Role of Human Capital and Higher Education in the Context of Indonesia's Economic Growth: A Challenge in Facing the Industrial Revolution 4.0

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#### Abstract

Human capital is a key production factor for economic growth. Therefore, the Indonesian government seeks to improve the quality of human capital, especially the education sector. Higher education is one of the important factors driving economic growth and representation of the quality of human capital. The education budget allocation was increased to 20 percent of the total State Revenue and Expenditure Budget (APBN), which was IDR. 505.8 trillion. However, the increase in the budget has not shown significant progress. In 2018 it was 0.53 points while in 2020 Indonesia's Human Capital Index (HCI) was 0.54 points which was ranked 6th in Southeast Asia. Human capital is an important asset for the survival and development of companies that have knowledge, expertise, abilities, and skills. Human capital functions to increase company productivity, transfer employee knowledge to the company, and change company culture. So that human capital is much more important than physical capital for innovation, both in the short and long term. In addition, innovation is the keyword of a dynamic and competitive global world. Innovative human capital is a new paradigm as well as a challenge for the higher education sector.

Keywords: Human Capital; Innovation; Higher Education; Economic Growth.

# Lifelong Learning Intention of Adults in the Industry 4.0: Business Sectors Perspective

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### Abstract

With the rapid development of emerging technologies, research on lifelong learning adoption is valuable for developing learning society which governments around the world have been focusing. This study examines the factors affecting lifelong learning intention of adults in business sector as an essential requirement of labor force in digital era. Prior studies on the lifelong learning intention of adults have primarily focused on the impact of the individual characteristics or environment sporadically. Meanwhile, there is a lack of research approaching lifelong learning intention of adults, which enabler the lifelong learning adoption for a learning society. Therefore, this study has attempted to build a research model that explains factors affecting lifelong learning intention of adults by integrating individual and social antecedents forming the lifelong learning intention, and empirically analyzes the data obtained through a survey from 417 adults. Using PLS technique, as a result, the perceived behavioral control, perceived usefulness, voluntariness, attitude, and social influence present in the theory of planned behavior (TPB) and theory of acceptance model (TAM) have direct impacts on the lifelong learning intention of adults in business sector. The results provide important insights to policymakers, educators, scholars, and learners to help them understand the importance factors for lifelong learning intention of adult in business sector.

**Keywords**: Lifelong Learning; Lifelong Learning Intention; Perceived Usefulness; Adults; Vietnam.