

Day 1 - Wednesday 15.10.2014

10:30 - 11:30	Opening session <i>Salle du conseil</i>					
11:30 - 12:30	Keynote by Prof. Richard Dawson (University of Newcastle): "The Tyndall Centre Urban Integrated Assessment Facility: Successes and challenges from integrated urban modelling in London" <i>Salle du Conseil</i>					
12:30 - 14:00	Lunch					
14:00 - 16:00	Session	Mobility, traffic, parking		Session	Water and flood	
	E.2	Chair: Gérard HEGRON (IFSTTAR)		B.1	Chair: Yves CROZET (LET, IEP)	
		Room A			Room C	
		Authors	Title		Authors	Title
		Boujnah Houda	A parking search model to assess parking policies in urban areas		Paquier André	From hydrodynamic modelling to urban flood risk
		Shi Yuqing	Traffic Modelling and Evaluation on Urban Networks		Cousin Elissa	Incentive to reduce water loss for urban water utilities: A cost minimization approach
Stanica Razvan	Urban Mobility Flows from Mobile Phone Data	Liao Chin-Hsien	Exploring strategies of LID BMPs for land subsidence area based on urban storm water Management model			
Lin Trista	Router deployment of Streetside Parking Sensor Networks in Urban Areas					
16:00 - 16:30	Break					
16:30 - 18:30	Session	Land use and microsimulation		Session	Air pollution and traffic	
	C.3	Chair : Patrick BONNEL (LET, ENTPE)		E.1	Chair : Aurélie MERCIER (LET, Université Lyon 2)	
		Room A			Room C	
		Authors	Title		Authors	Title
		Frankhauser Pierre	A multifractal framework to create sustainable development scenarios for metropolitan areas		Taheri Shahraini Hamid	Simulation of virtual PM10 monitoring network for urban area (Case study: Berlin)
		Charles Raux	Investigating land-use and transport interaction with an agent-based model		Habermann Mateus	Land use regression as method to model air pollution. Previous results for Gothenburg/Sweden
Newland Charles	Enhanced understanding of Cellular Automata land use models by sensitivity analysis of key parameters					
Roel Vanhout	Simulating urban dynamics through integration of socio-economic and land-use models					
18:30	Cocktail					

Day 2- Thursday 16.10.2014							
16.09.2014	Session	Integrated models: calibration, validation and data			Session	Energy	
		Chair : Jean-Pierre NICOLAS (LET, ENTPE, LUTB)				Chair : Olivier PASCAL (VEOLIA)	
		Room A				Room C	
		Authors	Title		Authors	Title	
	09:00 - 11:00	C.1	Thomas Capelle	Formulating LUTI calibration as an optimization problem: example of Tranus shadow-price estimation		Servigne Sylvie and Yann Gripay	Data Science approach for a cross-disciplinary understanding of urban phenomena: application to energy efficiency of buildings based on physical measures and user behaviours
			Sturm Peter	A survey on the calibration and validation of integrated land use and transportation models		Fulda Anne-Sophie	NODE: methodology for energy balance for a transportation hub and its neighbourhood
			Prados Emmanuel	Involving end-users in calibration and validation processes: A key factor to favor transfer of integrated models		Reiter Sigrid	Energy Efficiency and the City: An Integrated Urban Tool Dedicated to Local Stakeholders and Citizens
	Boittin Cedric		Variable selection in Land-Use and Transport Integrated models				
11:00 - 11:30	Break						
11:30 - 12:30	Keynote by Prof. Anthony May (University of Leeds): "Developing Sustainable Urban Mobility Plans: the role of interactive land use - transport interaction models" <i>Salle du Conseil</i>						
12:30 - 14:00	Lunch						
14:00 - 16:30	Session	Accessibility and equity			Session	City logistics	
		Chair : Louafi BOUZOUINA (LET, ENTPE)				Jean-Louis ROUTHIER (LET, CNRS)	
		Room A				Room C	
		Authors	Title		Authors	Title	
		A.1	Poutrel Severin	Territorial planning and fuel poverty: strategies requiring systemic and dynamic approach		Van Duin Ron	Towards a framework to understand viable urban consolidation centers by inter-business model relations
			Mercier Aurelie	Modelling effects of a new infrastructure on accessibility: does the new urban motorway favour the richest?		De Langhe Katrien	Designing a framework for assessing the role of rail in urban freight distribution from a welfare-economic and business point of view
			Bocarejo Juan	Estimation of a land-use change model in a BRT corridor		Battaia Guillaume	SILOGUES: A simulation based methodology to estimate urban goods movements under various city planning strategies
			Nicolas Ovtracht	Smart mobilities for a better territorial cohesion : the case of the Grand Lyon urban area with the Optimod'Lyon project		Faure Lucile	A modelling approach of pooled urban consolidation centers
	Daniel Jonsson		Accessibility, work location, and migration in a regional model of transport and land use		Nicolas Chiabaut	A simulation-based approach to assess impacts of urban logistics policies on traffic flow dynamics	
	Aissaoui Hind		Residential location choice in Lyon urban area		Lynnette Widder	Street Life, Private Life: Modelling influences on the resource cost of food in the gap between point of sale and waste stream	
16:30 - 17:00	Break						
	17 :00 – 18 :30 Round Table <i>Salle du Conseil</i>						
	20 :00 Gala Dinner						

Day 3 – Friday 17.10.2014

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Session	Ecosystems and sustainability			Session	Urban climate		
09:00 - 11:00	C.2	Chair : Charles RAUX (LET, CNRS)			D.2	Chair : Juan Angel ACERO (TECNALIA)	
		Salle du Conseil				Room A	
		Authors	Title			Authors	Title
		Merlier Lucie	Contribution to the study of the effects of urban morphology on flow patterns at block scale			Dudek Julita	Urban expansion impact on Heat Island in Lyon metropolitan area
		Manon Pons	Assessment of Urban Ecosystem Services using Ecosystem Service Reviews and GIS-based Tools			Ndetto Emmanuel	Investigation of thermal effects in different local climate zones of Dar es Salaam, Tanzania
		Lotteau Marc	Environmental assessment of sustainable urban projects (eco-neighborhoods) through NEST, a decision support tool for early stage urban planning			Paas Bastian	Exposition to combined stress in public urban spaces ? An approach to modeling, analyzing and visualizing of combined exposition to stress resulting from noise, heat and particulate matter
		Hill Adrian and de Paep Miechel	Accounting for Urban Scale Sustainability				
		Olivier Pascal and Ghislain Geniaux	PRECOS: a holistic approach for territorial resource security				
11:00 - 11:30	Break						
11:30 - 12:30	Keynote by Prof. Jason Ching (University of North Carolina): “WUDAPT, a worldwide urban database for climate and environmental modeling, innovation concepts to reality” <i>Salle du Conseil</i>						
12:30 - 14:00	Lunch						
Session	Mobility, traffic, parking			Session	Urban climate		
14:00 - 16:00	E.3	Chair: Yves CROZET (LET, IEP)			D.3	Chair: Alain BONNAFOUS (LET, IEP)	
		Salle du conseil				Room A	
		Authors	Title			Authors	Title
		Fenet Serge	Extract space-time dynamics from sensor network to build urban traffic prediction model: a machine learning point of view			Chancibault Katia	Toward an urban water and energy budget model as an evaluation tool of urban planning : greening scenarios evaluation over the City of Nantes, in France.
		Parzani Celine	Investigating inverse methods for determining the dynamic demand			Acero Juan A.	Urban climate multiscale modelling in Bilbao (Spain)
		Monchambert Guillaume	Economics of Crowding in Public Transport			Lindberg Fredrik	UMEP - An integrated tool for urban climatology and climate sensitive planning applications
		Dantan Sophie	Risk-adverse or hurried commuters: who will pay more for multimodal information?			Lejri Delphine	Estimating pollutant emissions from aggregated traffic variables: the influence of data sources and sampling methods