

Full programme

Pre-Symposium Tour and Get Together Event: Sunday, June 1 st , 2014	
16:00 - City Tour and Fesch Palace visit	
19:30 - Networking Reception (for symposium participants and Early Arrivals) Venue: la Table du Hussard Restaurant, rue Fesch - Ajaccio	
DAY 1: Monday, June 2 nd , 2014	
08:00	On-site Registration
8:30-9:00	<i>Symposium Chair Welcome - Nour-Eddin El Faouzi, LICIT, ENTPE-IFSTTAR</i> <i>The French Minister of Transport Frédéric Cuvillier's Welcome Speech (TBC)</i> <i>Speech from our Sponsor LUTB Competitiveness Cluster "Transport and Mobility Systems"</i>
9:00-9:45	Keynote I <i>Trajectories in 3D: Unifying Model Calibration and Network Performance Analysis</i> <i>Prof. Hani Mahmassani, Northwestern University, USA.</i>
9:45-10:00	Coffee Break
10:00-13:00	Plenary Session I. Traffic Modeling, Calibration and Simulation Chairperson: Edward Chung, STRC, QUT, Australia
10:00 - 10:30	Development of Dynamic Traffic Simulation System for Tokyo Metropolitan Expressways and Its Future Prospects - Hiroshi Warita, Koyama Shuichi, Yuji Tamura, Horiguchi Ryota, Masao Kuwahara
10:30 - 11:00	Solving large-scale urban transportation problems by combining the use of multiple traffic simulation models - Carolina Osorio, Krishna Selvam
11:00- 11:30	Macroscopic traffic flow model calibration using different optimization algorithms -Anastasia Spiliopoulou, Ioannis Papamichail, Markos Papageorgiou
11:30 - 12:00	Stochastic analytical dynamic queuing network model with spill-back – Gunnar Flötteröd, Carolina Osorio
12:00 - 12:30	Calibration and validation of a Swedish space-time analytical model - Per Strömgreen
12:30 - 13:00	Simulating lane-changing dynamics towards lane-flow equilibrium based on multi-lane first order traffic flow model - Yasuhiro Shiomi, Tomoki Taniguchi, Nobuhiro Uno, Hiroshi Shimamoto, Toshiyuki Nakamura
13:00-14:00	Lunch in Exhibit Hall
14:00-19:15	PARALLEL SESSIONS - 1
	Session 1.1: Transport Modeling and Simulation Chairperson: Ludovic Leclercq, LICIT, IFSTTAR, ENTPE ▲
	Session 1.2: Data Processing, Fusion and PIs Chairperson: Nobuhiro Uno, Kyoto University, Japan ●
14:00 -14:30	Efficient Traffic Modeling and Control of Multiple Urban Intersections. Dora Lee Borg, Kenneth Scerri
14:30 -15:00	Dynamic road space allocation: simulation of current practices, towards dynamic allocation using ITS - Stéphane Espié, Feirouz Ksontini, Zahia Guessoum, René Mandiau
15:00 -15:30	A metamodel simulation-based optimization approach for the efficient calibration of stochastic traffic simulators - Carolina Osorio, Gunnar Flötteröd, Chao Zhang
15:30 -16:00	Latent Class Analysis for Driving Behavior on Merging Section - Masami Yanagihara, Nobuhiro Uno, Toshiyuki Nakamura
16:00-16:30	Nowcast Simulation Predicting Network Traffic Conditions by Assimilating Floating Car Data. Ryota Horiguchi, Hisatomo Hanabusa, Masato Kobayashi, Katsuki Koide, Takashi Oguchi
16:30 - 16:45	Coffee Break
16:45 - 19:15	PARALLEL SESSIONS - 2
	Session 2.1: Railway and LRT Transportation Chairperson: El-Houssaine Aghezaf, Ghent University, Belgium ▲
	Session 2.2: Innovative Data Collection and Processing Chairperson: Horiguchi Ryota, i-Transport Lab., Japan ●
16:45 -17:15	Simulation of an innovative management of freight trains - Grégory Marlière, Paola Pellegrini, Joaquin Rodriguez
17:15 -17:45	Partial Traffic Signal Optimization for Large Multimodal Networks with Predictive Priority Strategies for Light Rail Transit - Aleksandar Stevanovic, Milan Zlatkovic, Jelka Stevanovic, Cameron Kergaye, Ivana Tasic, Marija Ostojic
17:45 -18:15	Intelligent Framework for Safety Properties Checking of Complex Systems - Nesrine Darragi, El miloudi El Koursi, Simon Collart-Dutilleul
18:15 -18:45	Resilience of metro vehicle to blast events - Grégory Marlière, El miloudi El Koursi, Jean-Luc Bruyelle
18:45 -19:15	Traffic Data Effective Utilization for Innovative Parallel Computing System - Hiroki Yamazaki, Ushijima Satoru, Uno Nobuhiro
Closing	
20:00 - 20:30	Social Event Welcome Cocktail at the Ajaccio City Hall

DAY 2: Tuesday, June 3rd, 2014	
08:30	On-site Registration
8:45-9:45	Keynote II
	<i>Monitoring and Support Plan for Evacuation Immediately after Natural Disaster Using Probe Data: A Case study at the Great-Est Japan Earthquake on March 11, 2011</i> <i>Prof. Masao Kuwahara, Tohoku University, Japan</i>
9:45-10:00	Coffee Break
10:00-13:00	Plenary Session II. Environmental Impact Assessment of Transportation Systems - Chairperson: Masao Kuwahara, Tohoku University, Japan
10:00 - 10:30	Estimating pollutant emissions from aggregated traffic variables: the influence of data sources and sampling methods - Delphine Lejri, Cécile Bécarie, Ludovic Leclercq
10:30 - 11:00	ECOSTAND: towards a standard methodology for CO2 assessment of ITS Strategies. Matthieu Canaud, Nour-Eddin El Faouzi
11:00 - 11:30	Development of an Evaluation Method of the Effects of ITS on CO2 Emissions and Approaches to Promote Its Application. Daisuke Oshima, Masao Kuwahara, Takashi Oguchi, Mitsuo Yonezawa, Seiji Hayashi, Horiguchi Ryota
11:30 - 12:00	Influence of traffic demand patterns on vehicle emissions at a signalized intersection. Delphine Lejri, Simone La Spada, Ludovic Leclercq
12:30 - 13:00	Model City Competition Announcement
13:00-14:00	Lunch in Exhibit Hall
14:00-16:00	PARALLEL SESSIONS - 3
	Session 3.1: ADAS and Cooperative Traffic Modeling - Chairperson: Hani Mahmassani, Northwestern University, USA ▲
	Session 3.2: Multimodal Transportation Systems Chairperson: Jaume Barcelo, Technical University of Catalonia, Spain ●
14:00 -14:30	On Microscopic Modeling of Adaptive Cruise Control Systems - Ioannis-Antonios Ntousakis, Ioannis Nikolos, Markos Papageorgiou
14:30 -15:00	Flocking Behavior Based Microscopic Cooperative Traffic Modelling: Simulation Studies - Maxime Gueriau, Romain Billot, Nour-Eddin El Faouzi
15:00 -15:30	Dynamic Estimation of Headway Distance in Vehicle Platoon System Using Particle Filter - Hironori Suzuki, Takashi Nakatsuji
15:30 -16:00	Effect evaluation of vehicle deconcentration control Algorithm in Weaving section under fully controlled condition in urban expressway. Shinji Tanaka, Naoyuki Hasegawa
16:00-16:30	Coffee Break and Networking
16:45 - 17:45	Visit of Napoleon's birth house – Meeting Point: Tourist Office (Office du Tourisme)
19:15	Gala Dinner Meeting Point: In front of the Conference Center at 19:15

DAY 3: WEDNESDAY, June 4, 2014	
08:30	On-site registration
9:00-9:45	Keynote III
	<i>Macro- and Micro-simulation Modeling of Combined Route Choice and Signal Control</i> <i>Prof. Ronghui Liu, University of Leeds, UK</i>
9:45-10:00	Coffee Break
10:00 -13:00	PARALLEL SESSIONS - 4
	Session 4.1: City Logistics and Freight Transportation Chairperson: Alan Nicholson, University of Canterbury, New Zealand ▲
	Session 4.2: Network Modeling and OD Estimation Chairperson: Latifa Oukhellou, IFSTTAR, France ●
10:00 -10:30	City logistics and Traffic Management: Modelling Urban Transport Flows in a Two-Tiered System - El-Houssaine Aghezzaf, Rodrigo Amaral
10:30 -11:00	Analysis of the effects of pickup-delivery trucks on traffic flow dynamics - Nicolas Chiabaut, Jean-Michel Sigaud, Guillaume Marques, Jesus Gonzalez-Feliu
11:00 -11:30	Simulation of Mutualized Urban Logistics Systems with Real-Time Management -Rafik Makhloufi, Diego Cattaruzza, Frédéric Meunier, Nabil Absi, Dominique Feillet
11:30 -12:00	Traffic modelling of a cooperative charge while driving system in a freight transport scenario - Luca Castello, Francesco Deflorio
12:00-12:30	A revealed /stated preference approach to bus service configuration - Pascal Bourgeat
12:30-13:00	Railway transportation efficiency improvement: loco health assessment by time domain data analysis to support Condition Based Maintenance implementation -Marco Capasso, Stefano Savio, Pierluigi Firpo, Gianluca Parisi
13:00-14:00	Lunch in Exhibit Hall

14:00 - 18:15		PARALLEL SESSIONS - 5	
	Session 5.1: Public Transport Modeling Chairperson: Ronghui Liu, University of Leeds, UK ▲	Session 5.2: Incident Management and Network performances Chairperson: Stephane Espié, IFSTTAR, France ●	
14:00 -14:30	A fundamental study on evaluation of public transport transfer points by data envelop analysis approach using smart card data - Hiroaki Nishiuchi, Tomoyuki Todoroki,	Incident Management and Network Performance - Alan Nicholson, Glen Koorey, Susan McMillan	
14:30 -15:00	Dynamic bus travel time prediction using floating car data - Deng Li, Zhong Xin, He Cheng	Incident Detection Methods using Probe Vehicles with on-board GPS Equipment -Yasuo Asakura, Takahiko Kusakabe, Takamasa Ushiki	
15:00 -15:30	Simulation and evaluation of a public transport priority methodology - Garyfalia Malandraki, Ioannis Papamichail, Markos Papageorgiou, Vaya Dinopoulou	A Study to consider the most appropriate alert point to assist crossing pedestrians at the intersection - Hidekatsu Hamaoka Takamasa Ushiki	
15:30 -16:00	Real-time forecasting the bus route state by data assimilation process: application to empirical data - Etienne Hans, Nicolas Chiabaut, Ludovic Leclercq, Robert Bertini	Impacts of Transition of the Traffic States on Traffic Accident Risk - Toshio Yoshii, Satoshi Hyodo, Yuki Takayama	
16:00-16:15 Coffee Break			
16:15 - 18:15		PARALLEL SESSIONS - 6	
	Session 6.1: Driver's Behaviors & Lane Management Chairperson: Christine Buisson, LICIT, IFSTTAR, ENTPE ▲	Session 6.2: Demand Modeling and Safety Analysis Chairperson: Jean-Luc Ygnace, LICIT, IFSTTAR, ENTPE, France ●	
16:15 -16:45	Dynamic Modeling Of Lane Distribution Impact In Complex Freeways - Sofia Samoili, André-Gilles Dumont, Nikolas Geroliminis	Microscopic Simulation on the Design and Operational Performance of Diverging Diamond Interchange. Lee Vien Leong, Mohammed Bally Mahdia, Kar Keong Chin	
16:45 -17:15	A Reproducibility Analysis of Synthetic Population Generations - Kim Jooyoung, Lee Seungjae	Investigating inverse methods for determining the dynamic demand - Celine Parzani, Julien Waeytens, Ludovic Leclercq, Rachida Chakir, Gaëlle Jousse	
17:15 -17:45	Dynamic optimal tolls for managed lanes. Tomer Toledo, Omar Mansour, Jack Haddad	Real-time estimation of critical accumulation for maximum network throughput -Konstantinos Ampountolas	
17:45 -18:15	Stochastic macroscopic models for highway traffic. Xavier Louis, Rémi Saint, Alain Forestier	Processing traffic and road accidents data in two case studies of assessment. -Régine Seidowsky, Simon Cohen, Maurice Aron	
18:15-18:30 Closing			
Post-Symposium Tour (At one's own expenses): Thursday, June 5, 2014			

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