### Programme

**09:30 – 10:15 Registration**

**10:15 – 10:30 Opening**

- The linkage among social networks, travel behavior and spatial configuration – Pnina Plaut, Eftihia Nathanail
- Electric bikes usage potential as a substitute for private car usage in Israel – Or Caspi
- An agent-based pedestrian model considering spatial behavior parameters – Itzhak Omer, Nir Kaplan
- Sustainability analysis on urban mobility based on social media content – Ainhoa Serna, Jon Kepa Gerrikagoitia, Unai Bernabé, Tomás Ruiz
- Definition and classification of parameters for daily activity chain optimization – Domokos Esztergár–Kiss
- The relation between travel behavior, ICT usage and social networks. The design of a web based survey – João de Abreu e Silva, Juan de Oña, Slaven Gasparovic

**10:30 – 13:00 Special Session: COST TU1305 ‘Social networks and travel behavior’**

- The linkage among social networks, travel behavior and spatial configuration – Pnina Plaut, Eftihia Nathanail
- Electric bikes usage potential as a substitute for private car usage in Israel – Or Caspi
- An agent-based pedestrian model considering spatial behavior parameters – Itzhak Omer, Nir Kaplan
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**13:00 – 14:00 Lunch**

**14:00 – 16:00 Special Session: NOVELOG ‘City Logistics in an era of change’**

- Smart urban freight transport in the city of Graz – Gerhard Ablasser, Peter Koenig
- Integrated freight ‘door-to-door’ services and cargo consolidation in Athens – Sofia Bouki
- Assessing the performance of intermodal city logistics terminals in Thessaloniki – Eftihia Nathanail, Michael Gogas, Giannis Adamos
- From gentle mobility to smart city – Gerhard Ablasser
- SUMP and DOT (demand orientated transport) for leisure sites - an antipode? – Peter Koenig

**16:00 – 16:30 Coffee Break**

**16:30 – 18:00 Session: Transportation Interchanges**

- Sustainable mobility in small towns like Xanthi – Konstantina Lantitsou, Vasilis Profillidis, Giorgos Kollaros
- Multi-criteria evaluation of public transport interchanges – Zofia Bryniarska, Lidia Zakowska
- Review of intelligent transport solutions in Latvia – Mihails Savrasovs, Roberta Ruggeri, Irina Yatskiv, Dagnija Udre
- Small scale intervention in a major city center interchange. Economic, environmental and sustainability analysis – Aristomenis Kopsachilis, Giorgos Barmpas, Ioannis Politis
- A comprehensive analysis of planned multimodal public transportation HUB – Irina Yatskiv (Jackiva), Evelina Budilovich

**18:00 – 19:40 Session: Activity-Based Transport Modelling**

- Optimization of ground vehicle movement at aerodromes – Iyad Alomar, Juris Tolujevs
- Green transport in island areas: lessons learned from North Aegean – Ioannis Tsouros, Amalia Polydoropoulou
- Gravity vs radiation model: two approaches on commuting in Greece – Maria Stefanouli, Serafeim Polyzos
- The urban project of HafenCity. Presentation, targets, goals and original applications of the surrounding area, through the pilot use of a set of indicators of the “European Local Transport Information Service (ELTIS)” – Eleftheriou Vasileios, Jörg Knieling

**21:00 Dinner @ Agraia Restaurant – Hotel Valis**

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**Session: Green Transportation**
- A “Greening Mobility” framework towards sustainability – Maria Tsami, Evangelos Bekiaris
- The bicycle as a means of ecological, social and economic sustainable mobility – Eleni Linaki, Maria Lydia Mitritsa, Maria Sifnaiou
- Cycling: utilitarian and symbolic dimensions – Eleni Lourontzi, Stiliani Petachti
- Micro and macro modelling approaches for the evaluation of the carbon impacts from transportation – Silvio Nocera, Matteo Basso, Federico Cavallaro
- Framework of monitoring urban mobility in European cities – Aba Attila, Fleischer Tamás, Kukely György
- Smart mobility and smart environment in the Spanish cities – Neus Baucells Aletá, Concepción Moreno Alonso, Rosa M. Arce Ruiz

**Session: Social Networks & Traveller Behavior**
- Sustainable mobility and physical exercise: a meaningful marriage – Pantoleon Skayannis, Marios Goudas, Petros Rodakinihas
- Context-driven regret-based model of travel behavior under uncertainty: a latent class approach – Eleni Charoniti, Soora Rasouli, Harry Timmermans
- City sustainability: the influence of walkability on built environments – Reihaneh Rafiemanzelat, Aida Jalal Kamali, Maryam Imani Emadi
- The effect of major market and societal trends on public transport in European cities – Margarita Angelidou, Evangelos Genitsaris, El Aissati Hafieda, Aristotelis Naniopoulos
- iTrip, a framework to enhance urban mobility by leveraging various data sources – Praboda Rajapaksha, Reza Farahbakhsh, Efthia Nathanael, Noel Crespi
- Factors affecting the propensity to cycle - the case of Thessaloniki – Ioanna Syropoulou, Maria Konstantinidou

**Session: Intelligent Transportation Systems - ITS**
- Designing a Vissim-model for a motorway network with systematic calibration on the basis of travel time measurements – Ioannis Karakikes, Matthias Spangler, Martin Margreiter
- Semantic integration of urban mobility data for supporting visualization – Thiago Sobral, Teresa Galvão, José Borges
- Evaluation of an integrated mobile payment, route planner and social network solution for public transport – Marta Campos Ferreira, Tânia Fontes, Vera Costa, Teresa Galvão Dias, José Luís Borges, João Falcão e Cunha
- Elderly and infomobility services: late bloomers or technology left-outs? – Iraklis Stamou, George Giannopoulos, Georgia Afdalopoulos, Evangelos Bekiaris, Maria Panou, Katerina Toulou, Evangelos Mitsakis, Josep Maria Salanova Grau
- The importance of intelligent transport systems in the preservation of the environment and reduction of harmful gases – Firas Th. Alrawi, Seda S. Mesrobo

**Session: Safety & Security I**
- Bluetooth-based travel times for Automatic Incident Detection – A systematic description of the characteristics for traffic management purposes – Maria Karatsoli, Martin Margreiter, Matthias Spangler
- Identification of quality indexes in school bus transportation system – Kornilia Maria Kotoula, Aggeliki Sakellariou, Maria Morfoukaki, Georgios Mitsis
- Pedestrian road safety in relation to urban road type and traffic flow – Athanasios Galanis, George Botzoris, Nikolaos Eliou
- Road safety in urban areas in Greece during economy downturn. A before – after comparison – Pantelis Kopelias, Mpogas Konstantinos, Lambros Mitropoulos, Konstantinos Kepaptsoglou
- A review of resilience management applications in the transport sector – Evangelia Gaitanidou, Maria Tsami, Evangelos Bekiaris

**END OF DAY 1**
3rd Conference on Sustainable Urban Mobility (3rd CSUM)

http://www.csum.civ.uth.gr/

@ Room “Iolkos”
Valis Resort Hotel, Stathmos Agrias, Volos, Greece
Friday 27 May, 2016

Programme

09:00 – 11:00  Session: Economic Issues
- Economic crisis and promotion of sustainable transportation: a case survey in the city of Volos, Greece – Athanasios Galanis, George Botzoris, Anastasios Siapos, Nikolaos Eliou, Vassilios Profilidis
- Assessment of the marginal social cost due to congestion using the speed flow function – Anastasios Tsakalidis, Nikolaos Gavanas, Magda Pitsiava-Latinopoulou
- Car dealerships and their role in electric vehicles market penetration: a Greek market case study – Alkiviadis Tromaras, Aggelos Aggelakakis, Dimitris Margantis
- Total cost of ownership and externalities of electric, hybrid and conventional vehicle – Lambros K. Mitropoulos, Panos D. Prevedouros, Pantelis Kopelias
- Enhancing sustainable mobility: a business model for the port of Volos – Vissarion Manginas, Stefania Manoli, Efthia Nathanail

11:00 – 11:15 Coffee Break

11:15 – 13:15  Session: Environmental Impacts I
- Investigation of the users’ acceptance concerning a Low Emission Zone in the center of Thessaloniki, Greece – Sokratis Basbas, Nikolaos Sfendonis, Giorgos Mintsis, Christos Taxitaris, Ioannis Politis
- Traffic and environmental impacts of traffic incidents on Thessaloniki’s inner ring road – Eleni Karioti, Socrates Basbas, Evangelos Mintsis, Georgios Mintsis, Christos Taxitaris
- A Fuzzy and a Monte Carlo simulation approach to assess sustainability and rank vehicles in urban environment – Lambros K. Mitropoulos, Panos D. Prevedouros, Xin (Alyx) Yu, Efthia Nathanail
- Sustainable urban mobility indicators: policy versus practice in the case of Greek cities – Alexandros Sdoukopoulos, Pavlos Tafidis, Magda Pitsiava-Latinopoulou
- Simulating traffic and environmental effects of pedestrianization and traffic management. A comparison between static and dynamic traffic assignment – Lazaros Giannakos, Evangelos Mintsis, Socrates Basbas, George Mintsis, Christos Taxitaris

13:15 – 14:15 Lunch

14:15 – 16:15  Session: Environmental Impacts II
- Tackling mobility environmental impacts through the Promotion of student active travel – Foteini Mikiki, Panagiota Papadopoulou
- Evaluation of sustainable urban mobility in the city of Thessaloniki – Vasiliki-Maria Perra, Alexandros Sdoukopoulos, Magda Pitsiava – Latinopoulou
- Four stories for sustainable mobility in Greece – Charalampos Kyriakidis, Efthimios Bakogiannis, Maria Siti, Vasilios Eleftheriou
- An integrated low-cost road traffic and air pollution monitoring platform for next citizen observatories – Giovanni Guattieri, Alessandro Zaldei, Francesca Camilli, Tiziana de Filippis, Filippo di Gennaro, Sara di Lonardo, Fabrizio Dini, Beniamino Gioli, Alessandro Matese, Walter Nunziati, Leandro Rocchi, Piero Toscano, Carolina Vagnoli

16:15 – 16:30 Coffee Break

16:30 – 18:30  Session: City Logistics
- Data collection framework for understanding UFT within city logistics solutions – Andrea Campagna, Alexander Stathacopoulos, Luca Persia, Elpida Xenou
- An advanced solution approach for energy efficient garbage collection service – Afroditi Anagnostopoulou, Maria Boile, Evangelia Papargyri, Maria Poulou
- Analysis of impacts of the Rail Baltica project: cargo multimodal hubs development – Deniss Rauts (Ravcovs), Irina Yatskiv (Jackiva)
- Broadcast transponders for low flying unmanned aerial vehicles – Dmitrijs Lancovs

18:30 – 19:00 Closure

END OF DAY 2 – End of 3rd CSUM
3rd Conference on Sustainable Urban Mobility (3rd CSUM)

http://www.csum.civ.uth.gr/

@ Room “Pelion”
Valis Resort Hotel, Stathmos Agrias, Volos, Greece
Friday 27 May, 2016

Programme

09:00 – 11:00  Session: Public Transport and Demand Responsive Systems I
- Online algorithm for dynamic dial a ride problem and its metrics – Athanasios Lois, Athanasios Ziliaskopoulos
- The existing school transportation framework in Greece – Barriers and problems comparing to other European countries – Kornilia Maria Kotoula, George Botzoris, Maria Morfoulaki, Georgia Aifadopoulou
- A methodological framework for assessing the success of Demand Responsive Transport (DRT) services – Anestis Papanikolaou, Socrates Basbas, George Mintsis, Christos Taxitaris
- A hybrid approach to the problem of journey planning with the use of mathematical programming and modern techniques – Georgios K.D. Saharidis, Dimitrios Rizopoulos, Afroditi Temourtzidou, Antonios Fragkogios, Nikolaos Cholevas, Asimina Galanou, George Emmanouelidis, Chrysostomos Chatzigeorgiou, Labros Bizas
- Mobile payments adoption in public transport – Tânia Fontes, Vera Costa, Marta Campos Ferreira, Li Shengxiao, Pengjun Zhao, Teresa Galvão Dias

11:00 – 11:15 Coffee Break

11:15 – 13:15  Session: Public Transport and Demand Responsive Systems II
- Towards promoting efficient BRT in Dhaka – Salma Sultana, Mazharul Hoque, Shamima Nasrin
- Urban sea transportation in Greece, the case of Skiathos – Athanasios E. Zlatoudis
- Investigating the preferences of students towards the creation of a carpooling system serving the academic bodies of Thessaloniki city – Sofia Liakopoulou, Maria Mavromati Kakana, Panagiota Avlji, Evangelos Genitsaris, Aristotelis Naniopoulos
- ID based ticketing and mobile tickets make Turku region public transport even more customer-friendly – Sirpa Korte
- Shifting towards mass rapid transit in the Maltese islands – Malcolm Cachia

13:15 – 14:15 Lunch

14:15 – 16:15  Session: Safety & Security II
- Road signage comprehension and overload: the role of driving style and need for closure – Shaun Bortel-Doku, Sigal Kaplan, Carlo Giacomo Prato, Otto Anker Nielsen
- The concept of woonerf zone applied in university campuses: the case of the campus of the Aristotle University of Thessaloniki – Dimitrios Nalmpantis, Aristotelis Naniopoulos, Sofia Christina Lampou
- Static and dynamic resilience of transport infrastructure and demand: the case of the Athens metro – Alexandros Deloukas, Emy Apostolopoulou
- Artificial intelligence and crime prediction in public management of transportation safety in urban environment – Georgios N. Kouziokas
- Car-pedestrian and car-cyclist accidents in Hungary – Attila Glász, János Juhász

16:15 – 16:30 Coffee Break

16:30 – 18:30  Session: Accessibility Analysis
- The topology of urban road networks and its role to urban mobility – Dimitrios Tsiotas, Serafeim Polyzos
- A new anthropocentric approach in accessibility analysis: the activity space and the accessibility measures – Fotini Moustou
- Accessibility assessment of urban mobility: the case of Volos, Greece – Dimitrios Tsiotas, Olga Kalantzi, Ioannis Gavardinas
- What matters when it comes to “Walk and the City”? Defining a weighted GIS-based walkability index – Alexandros Bartzokas Tsiompras, Yorgos N. Photis
- Transforming small towns by remedial street design – Fotini Kehagia

18:30 – 19:00 Closure

END OF DAY 2 – End of 3rd CSUM