**Virtual CSUM2020**

**Date: Wednesday, 17.6.2020**

**Virtual Room “Centaurus” (Link: to be added)** | **Virtual Room “Argo” (Link: to be added)**
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11:15-11:30 | Welcome | -

Virtual CSUM2020 and Instructions - Eftihia Nathanail

### 11:30-13:30

#### Keynote Speakers and Sponsors Session
- **Moderator: Eftihia Nathanail**

- **Key factors in achieving sustainable urban mobility in difficult times** - Ronald E. Boënau, International Transportation Research Advisor, USA
- **Transport modelling and simulation in the era of sustainable urban mobility** - Tamara Djukic, Aimsun, Spain
- **Autonomous public transport – strategies and modelling** - Ingmar Andreasson, KTH Royal Institute of Technology, Sweden

The road towards climate-neutral & smart cities within HE Program and the role of the relevant European Mission - Evangelos Bekiaris, Hellenic Institute of Transport (HIT), Greece

### 13:30-14:00

**Break**

### 14:00-15:00

**Training course by MARATHON**

- The use of ArcGIS platform as a set of tools for sustainable urban mobility planning - Alexandros Kalathas

### 15:00-17:00

#### Special Session: MOMENTUM – Modelling Emerging Transport Solutions for Urban Mobility
- **Moderator: Georgia Ayfantopoulou**

- Modelling emerging transport solutions for urban mobility - Javier Burrieta Galán
- Future scenarios for mobility innovations and their impacts in cities and transport models - Rodric Frederix
- Cataloguing and assessing city-scale mobility data - Antonio Masegosa
- New modelling approaches for innovative mobility services - Tamara Djukic
- Integrating modelling in urban policy cycle and decision making - Josep Maria Salanova Grau

**Training course by MARATHON**

- The use of ArcGIS platform as a set of tools for sustainable urban mobility planning - Alexandros Kalathas

### 17:00-17:30

**Break**

### 17:30-19:30

#### Special Session: Achieving in a Disruptive Society: Experience in the U.S.
- **Moderator: Ron Boënau**

- Achieving sustainable urban mobility: actions by a State DOT - Christos Xenopoulos and Jonathan Spear
- Sustainable urban mobility and accessibility, equity, inclusivity in a rapidly-changing mobility ecosystem - Carol Schweiger
- Autonomous vehicles and micromobility in a disruptive society and transportation system - Lily Elefteriadou, Xilei Zhao and Lily Du
- Destroying disruption: building a strong MaaS business case - Andy Boenau

**END OF DAY 1**

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**Sponsors**

- **Gold**
- **Silver**
- **Bronze**

**Media**

**With the support of**
Gender impact on farm quality of service: Importance and performance assessment - Maria Tsimi and Efthia Nathanael

Investigation of mining bus transport service characteristics in an urban area through the use of a stated and revealed preference survey - Maria Anitro, Socrates Basbas, Georgios Georgiadis and Efthia Nathanael

Effect of self-driving buses on vehicle scheduling - Víctor Nagy and Báalís Horváth

Sustainability of public transport in Nottingham: a look at bus service quality - Agnes B-Wallace and Sunday Chidoba Okafor

Demand responsive public transport system in airport travel - Case study of Delhi - Sujata Savant, Neeraj Sharma, Valeria Vignali, Andrea Simone, Giuseppe Luppino, Denis Grasso and Giulio Dondi

Forecasting of urban public transport demand based on weather conditions - Ricardo Correia, Tácia Fonseca and Jorge José Luis

Session 2A: Transformational technologies

Deep bidirectional and unidirectional LSTM neural networks in traffic flow forecasting from environmental factors - Georgios Koukoulas

Accelerating the deployment of ELVs for sustainable urban mobility: a harmonized pilot demonstration methodology - Anna Antonakopoulou, Evangelia Portoulí, Nikos Tousert, Maria Krommyda, Angelos Amditis, Maria Pia Faniri, Alessandro Rinaldi and Bartolomeo Silvestri

C-ITS Bundling for integrated traffic management: Ardi Koli, Evangelos Mitsikakis and Vasileios Phiris

The impact of adding active influencing on supply chains - Vassarion Manginas, Efthia Nathanael and Ioannis Karakiles

Modelling Maas plans and commitment length: experience from two European cities - Athena Tsimparia, Ioannis Tsouros, Ioanna Pagou and Amalia Polydoropoulou

An regional competence centre for SUMPs in Central Macedonia, responding to the identified local needs - Maria Chatzianastasiou, Maria Morfoulaki, Konstantia Mpessa and Lambitri Tsoli

Mobility as a Service (MaaS): past and present challenges and future trends - Antonis Amaral, Luis Barreto, Teresa Pereira and Sara Ballarz

Cost-Benefit analysis for electromobility shift in urban mobility: results from an implementation in the city of Nicosia, Cyprus - Filippos Alogianikas and Loukas Dimitrout

Session 2B: Connected and autonomous vehicles and fleets

Creating smarter cities by accelerating innovation in transport Small and Medium Sized enterprises (SMEs): the case of West Midlands - Elieni Anonykriti and Alba Avarell

Policy directions for enhancing transport innovation infrastructure for smarter regions - Tessa Lukehurst and Elieni Anonykriti

Energy consumption and perspectives on alternative fuels for the transport sector in Greece - Alkiviodos Tzamaris, Dimitris Margaritis and Tatiana Moschovou

Building capability of small and medium sized local authorities to implement MaaS and other innovative transport schemes - Anastasia Founta, Olympia Papadopoulou, Sofia Kakalou and Georgios Georgiadis

Managing and analyzing the transport innovation framework of the region of central Macedonia, Greece - Evangelos Genitsaris, Vasileios Anamprisi, Aristotelis Naniopoulos and Dimitrios Nalmpantis

Integrated parking management plan in medium-sized cities - Elias Papastavrinidis, George Kollaros, Antonia Athanasopoulou and Vasileio Kollarou

Mapping and analysing the tourism innovation framework of the region of central Macedonia, Greece - Evangelos Genitsaris, Vasileios Anamprisi, Aristotelis Naniopoulos and Dimitrios Nalmpantis

Factors affecting the adoption of new technologies: the case of a new sharing economy application: the transport sector of Thessaloniki - Maria Konstantinou and Efthi Christina Chatzipapadou

Examining the level of service of the 2K bus line in Thessaloniki, Greece, and proposed improvements - Christos Bratozlis, Ioanna Eirini Tsali, Evangelos Genitsaris, Aristotelis Naniopoulos and Dimitrios Nalmpantis

Using alternative fuel vehicles in medium-sized cities - Elias Papastavrinidis, Vasileios Kalliga and Konstantinos Antoniadis

Towards the adoption of Corporate Mobility as a Service (CMaaS): a case study - Antonis Amaral, Luis Barreto, Teresa Pereira and Sara Ballarz

Session 3A: Accelerating deployment: Governance and business models

Lateral placement of urban mixed traffic: a case study in New Delhi - Harsh Kumar Sari and Subhajit Biswas

Good practice for students mobility in University of Pavia - Davide Barbieri, Andrea Zatti and Michele Rostan

Williness of cruise tourists to use & pay for shared and upgraded sustainable mobility solutions: the case of Corfu - Maria Morfoulaki, Michail Agathos, Glykeria Mirovlova and Maria Natalia Konstantinoudou

Road safety for school zones in medium-sized cities - Elias Papastavrinidis, George Kollaros, Ioannis Karamanitis, Antonia Athanasopoulou and Vasileio Kollarou

A multicriteria-based methodology for assessing alternative bicycle lane implementation solutions in urban networks - Ioannis Politis, Efthymis Papadopoulou, Ioannis Pyrogens and Zoi Psykidis

Examining of the level of service of the 2K bus line in Thessaloniki, Greece, and proposed improvements - Christos Bratozlis, Ioanna Eirini Tsali, Evangelos Genitsaris, Aristotelis Naniopoulos and Dimitrios Nalmpantis

Investigating the Athens - Thessaloniki door-to-door intercity transport connection by all means from the students' point of view - Anna Angelikis Sarantakos, Evangelos Genitsaris, Aristotelis Naniopoulos and Dimitrios Nalmpantis

Session 4A: System performance and assessment

A measure generation tool for sustainable urban mobility - Athanasios Karagoros, Giannis Adamou, Efthia Nathanael

Estimation of the willingness to pay for road safety improvements and its correlation with several factors - Evangelia Balta and Dimitrios Nalmpantis

New mobility solutions to fight transport poverty and exclusion in European prioritised areas - Pasquale Cancellara

Evaluation of a ride-sharing service in Thessaloniki: the perspective of both the service provider and the users - Georgios Aftandopoulou, Maria Konstantinoudou, Neofytos Boufida and Josep Maria Sallanovai Grau

Discussing the role of traffic safety in sustainable urban mobility plans using spatial analysis techniques - Panagiotis G. Tzouras, Stefanos Tzidigos, Christos Karouleas and Efthimios Bakogiannis

The impact of megatrends on the transition from car-ownership to carsharing: a Delphi method approach - Dimitrios Papanacou, Georgios Palantzas, Evangelos Genitsaris, Theodoros Chrysandis and Dimitrios Nalmpantis

Urban mobility transition to sustainability: a system dynamics approach - Vasileio Georgatzi and Yeoyrisk Stamoulis

Children’s safe and sustainable independent mobility: a comparison of international practices and the situation in Greece - Garyfalia Katsavounidou