<table>
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<tr>
<th>Time</th>
<th>Virtual Room &quot;Centaurus&quot;</th>
<th>Virtual Room &quot;Argo&quot;</th>
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<tr>
<td>11:15-11:30</td>
<td>Virtual CSUM2020 and instructions - Eftihia Nathanail</td>
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<tr>
<td>11:30-11:30</td>
<td><strong>Keynote Speakers and Sponsors Session</strong>&lt;br&gt;Moderator: Eftihia Nathanail</td>
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<td></td>
<td>Key factors in achieving sustainable urban mobility in difficult times - Ronald E. Boënau, International Transportation Research Advisor, USA</td>
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<td>Transport modelling and simulation in the era of sustainable urban mobility - Tamara Djukic, Aimsun, Spain</td>
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<td>Autonomous public transport – strategies and modelling - Ingmar Andreasson, KTH Royal Institute of Technology, Sweden</td>
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<td>The road towards climate-neutral &amp; smart cities within HE Program and the role of the relevant European Mission - Evangelos Bekiaris, Hellenic Institute of Transport (HIT), Greece</td>
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<td>13:10-14:00</td>
<td>Break</td>
<td>Training course by MARATHON</td>
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<td>The use of ArcGIS platform as a set of tools for sustainable urban mobility planning - Alexandros Kalathas</td>
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<tr>
<td>14:00-15:00</td>
<td>Training course by MARATHON</td>
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<td>Modelling emerging transport solutions for urban mobility</td>
<td>Modelling emerging transport solutions for urban mobility - Javier Burrieza Galán</td>
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<td>15:00-17:00</td>
<td>Future scenarios for mobility innovations and their impacts in cities and transport models - Javier Burrieza Galán, Rita Rodríguez Vázquez, Oliva Cantó Ros, Georgia Ayfantopoulou, Josep Maria Salanova Grau, Maria Konstantinidou, Roderic Frederik and Péter Pápics</td>
<td>The use of ArcGIS platform as a set of tools for sustainable urban mobility planning - Alexandros Kalathas</td>
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<td>Cataloguing and assessing city-scale mobility data - Georgia Ayfantopoulou, Javier Burrieza Galán, Antonio Masegosa, Josep-Maria Salanova, Neofytos Bouflos, Ignacio Martín Martínez, Pablo Fernandez-Muga and Oliva Cantó Ros</td>
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<td>New modelling approaches for innovative mobility services - Tamara Djukic</td>
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<td>Integrating modelling in urban policy cycle and decision making - Georgia Ayfantopoulou, Maria Natalia Konstantinidou, Maria Chatziathanasiou and Josep Marie Salanova Grau</td>
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<tr>
<td>17:00-17:30</td>
<td>Break</td>
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<tr>
<td>17:30-19:30</td>
<td><strong>Special Session: Achieving Sustainability in a Disruptive Society: Experience in the U.S.</strong>&lt;br&gt;Moderator: Ron Boënau</td>
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<td>Achieving sustainable urban mobility: actions by a State DOT - Christos Xenophontos and Jonathan Spear</td>
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<td>Sustainable urban mobility and accessibility, equity, inclusivity in a rapidly-changing mobility ecosystem - Carol Schweiger</td>
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<td>Autonomous vehicles and micromobility in a disruptive society and transportation system - Lily Elaftraitiadou, Xiwei Zhao and Li Du</td>
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<td>Destroying disruption: building a strong MaaS business case - Andy Boenau</td>
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END OF DAY 1
Virtual CSUM2020

**Date:** Thursday, 18.6.2020

Session 1A: Public transport and demand responsive systems

**Moderator:** Maria Tsami and Efthia Nathanael

- Gender impact on transit quality of service importance and performance assessment - Maria Tsami and Efthia Nathanael
- Investigation of minibus public transport service characteristics in an urban area through the use of a stated and revealed preference survey - Maria Akiot, Socrates Basbas, Georgios Georgiadis and Efthia Nathanael
- Effect of self-driving buses on vehicle scheduling - Viktor Nagy and Balázs Horváth
- Sustainability of public transport in Nottingham: a look at bus service quality - Agnes B-Walicek and Sunday Chibuzo Okpar
- Demand responsive public transport system in airport travel - Case study of Delhi - Sujata Savant, Neeraj Sharma and Amit Singh Baghel
- Case studies in the Emilia-Romagna region in support of interoperability and accessibility of public transport - Margherita Pazzi, Claudio Lanteri, Valeria Vignali, Andrea Simone, Giuseppe Lupino, Denis Grassio and Giulo Dondi
- Forecasting and urban public transport demand based on weather conditions - Riccardo Correia, Tácia Fontes and Borges José Luis

Session 1B: Reshaping transport modelling

**Moderator:** Socrates Basbas

- Attitudes of e-autocar non-users towards e-autobuses - Athanasia Kostareli, Socrates Basbas, Nikiforos Stamatiadis and Andreas Nikiforidis
- Evaluating the performance of reinforcement learning signalling strategies for sustainable urban road networks - Theodosis Baillis and Loukas Dimitrou
- Community participation towards sustainability enhancement of transportation sector for Baghdad city - Firas Alrai, Hamid Alacash, Khalid Alwari and Sade Meseop
- Impact of congestion pricing policies in round-trip and free-floating carsharing operations - Carolina Cisterna, Giulo Giorgione and Francesco Viti
- Travelers’ propensity to cycle: the case of Dublin and Athens - Konstantinos Trieperta, Ioanna Spyroupolou and Aofe Abem
- The role of transport in urban planning: how to integrate sustainable mobility planning in local spatial planning? - Efthimios Bakogiannis, Vasileios Eleftheriou, Charalampos Kyrkiakis and Ioannis Chatziaranoou

Session 2A: Transformational technologies

**Moderator:** Maria Tsami

- Deep bidirectional and unidirectional LSTM neural networks in traffic flow forecasting from environmental factors - Georgios Koukiazas
- Accelerating the deployment of ELVs for sustainable urban mobility: a harmonized pilot demonstration methodology - Anna Antonasopoulos, Evangelia Portolou, Nikos Tousart, Maria Kromytra, Angelos Amandis, Maria Pia Pandis, Alessandro Renaldi and Bartolomeo Svisetti
- Investigating the impact of additive manufacturing on supply chains - Vassilios Vagias, Efthia Nathanael and Ioannis Karakikes
- Modelling MAaaS plans and commitment length: experience from two European cities - Athena Tsirtsipopoulou, Ioannis Papion and Anna Pulydopuloupou
- A regional competence centre for SUMPs in Central Macedonia, responding to the identified local needs - Maria Chatziathanasiou, Maria Tsamoska, Konstantia Mpessa and Lambathis Tsoli
- Mobility as a Service (Maas): past and present challenges and future trends - Antonios Amal, Luis Barreto, Teresa Pereira and Sara Ballarz

Session 2B: Connected and autonomous vehicles and fleets

**Moderator:** George Yannis

- Ex-post evaluation of an in-vehicle warning system for rail-road level crossings: the case of taxi drivers - Anastasios Skoutas, Neofytopoulos, Josep Maria Salanova Grau, Georgia Ayantopoulos and Socrates Basbas
- A conceptual model for the simulation of the next generation bike-sharing system with self-driving cargo-bikes - Imen Haj Saleh, Vasu Dev Mukhi, Stephen Schmidt and Tom Aasman
- An image-based approach for classification of driving behaviour using CNNs - Ioannis Vamvoukos, Evaggelos Spyrou, Mihails Savelovs and Stavros Karkanis
- Introducing automated shuttles in the public transport of European cities: the AVENUE study case - Elina Horschitz Nemoto, Inea Janoldi and Guy Fournier
- How autonomous vehicles affect vehicle emissions on motorways - Panagiotis Papantoniou, Vasileios Kalligka and Konstantinos Antoniou
- Towards the adoption of Corporate Mobility as a Service (CMaaS): a case study - Antonis Amal, Luis Barreto, Teresa Pereira and Sara Ballarz

Session 3A: Accelerating deployment: Governance and business models

**Moderator:** Dimitrios Nalmpantis

- Creating smarter cities by accelerating innovation in transport Small and Medium Sized enterprises (SMEs): the case of West Midlands region - Elena Aronynika and Alba Avareliu
- Policy directions for enhancing transport innovation infrastructure for smarter regions - Tessa Lukehurst and Eleni Aronynika
- Energy consumption and perspectives on alternative fuels for the transport sector in Greece - Alexiades Taronas, Dimitris Margaritis and Tatiana Moschovou
- Building capacity of small-medium cities local authorities to implement MAaaS and other innovative transport schemes - Anastasia Fourda, Olympia Papadopoulou, Sofia Kalloukou and Georgios Georgiadis

Session 3B: Accelerating deployment: Trials, pilots and case studies

**Moderator:** Gelydria Myrovali

- A multiplatform-based methodology for assessing alternative bicycle lane implementation solutions in urban networks - Ioannis Politi, Efthimios Papadopoulou, Ioannis Pyrgios and Zoi Psistia
- Examination of the level of service of the ZK bus Line in Thessaloniki, Greece, and proposed improvements - Tasso Basrati, Socrates Basbas, Aristotelis Naniopoulos and Dimitris Nalmpantis
- Investigating the Athens – Thessaloniki door-to-door intercity transport connection by all means from the students' point of view - Anna-Angeliki Sarantakos, Evangelos Genisbaris, Aristotelis Naniopoulos and Dimitris Nalmpantis

Session 4A: System performance and assessment

**Moderator:** Giannis Adamos

- A measure generator tool for sustainable urban mobility - Athanasios Karageorgos, Giannis Adamos, Efthia Nathanael
- Good practice for students mobility in University of Pavia - Davide Barbieri, Andrea Zatti and Michele Roslan
- Energy consumption and perspectives on alternative fuels for the transport sector in Greece - Alexiades Taronas, Dimitris Margaritis and Tatiana Moschovou
- Policy directions for enhancing transport innovation infrastructure for smarter regions - Tessa Lukehurst and Eleni Aronynika
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- Good practice for students mobility in University of Pavia - Davide Barbieri, Andrea Zatti and Michele Roslan
- Estimation of the willingness to pay for road safety improvements and its correlation with several factors - Evangelia Belli and Dimitrios Nalmpantis
- New mobility solutions to fight transport poverty and exclusion in European prioritised areas - Patrocle Cancellara
- Evaluation of a ride-sharing service in Thessaloniki: the perspectives of both the service provider and the users - Georgios Ayantopoulos, Maria Konstantinou, Neofytopoulos and Josep Maria Salanova Grau
- Different strategies for obtaining sustainable urban mobility plans using spatial analysis techniques - Panagiotis G. Tzouras, Stavrides, Christos Kouliakeas and Efthimios Bakogiannis
- The impact of mega-events on the urban transport system, an evaluation of the car-ownership and car-sharing: a Deep Learning approach - Dimitrios Papantonou, Georgios Palantzas, Theodores Chrysandis and Dimitris Nalmpantis
- Urban mobility transition to sustainability: a system dynamics approach - Vasileios Georgatzi and Yeoryios Stamboulis

Session 4B: System performance and assessment

**Moderator:** Giannis Adamos

- A measure generator tool for sustainable urban mobility - Athanasios Karageorgos, Giannis Adamos, Efthia Nathanael
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- Urban mobility transition to sustainability: a system dynamics approach - Vasileios Georgatzi and Yeoryios Stamboulis
- Children's safe and independent mobility: a comparison of international practices and the situation in Greece - Garyfallas Katsavouridorou
Virtual CSUM2020

Date: Friday, 19.6.2020

Virtual Room "Centaurus"

Session 5A: Smart cities
Moderator: Ioanna Sgouropoulou

Megatrends that affect sustainable mobility planning and their implications on sports tourism: the case of the Authentic Marathon, Athens - Eleni Anoyakti, Thamos Kanaridis and kostas Alexander

Co-creation techniques and tools for sustainable and inclusive planning at neighbourhood level. Experience from four European research and innovation projects - Margarita Angelidou, Isabelle Frides, Eleni Karacalhou and Mella Wippola

Modelling urban mobility during the recession: the case of Athens - Christos Kolokaitis and Ioanna Sgouropoulou

A user acceptance survey of pay-how-you-drive urban pricing schemes - Eleni Mantouka, Kuriaki Christovasilis and Eleni Vlahogianni

Measuring and evaluating pedestrian mobility environments: evidence from small cities in Greece - Georgios Dimotakis, Anastasia Nikolaidou, Raffael Kathagdias and Dimitros Tsaliris

A comparative gap analysis for electromobility and alternative fuels - Fotis Loukas, Panagiotis Vavliotis and Andree Woodcock

Defining and prioritising indicators to assess the sustainability of mobility systems in emerging cities - Juan Camilo Medina Arguello, Jorge Pinho de Sousa and Edgar Raimo Jimenez Perez

Break

Session 6A: Traffic emissions and environmental impacts
Moderator: Apostolos Papaganakis

Emissions estimation for classifying bus routes: problems and advances - Maria Vittoria Conzatta, Paolo Cantannino Lanzata, Marco Pasquero, Enrico Petracchi and Daniela Vasiari

Evaluation of the aesthetic impact of urban mass transportation systems - Christos Pyrgidis, Antonis Lagarias, Ioannis Ganolifakis, Ioannis Sifalakis and Michaelis Barbagi

A methodological approach for estimating urban green space: the case of Thessaloniki, Greece - Alexandros Sfouroopoulos

Evaluating urban mobility sustainability through a set of indicators: the case of Lamia, Greece - Maria Polyzou, Georgios Palantzas and Dimitros Nalmpantis

Impact assessment of climate change on coastal transport systems in the greater Thessaloniki area - Apostolos Papaganakis and Konstantinos Naftos

How are Greek consumers ready to use electric vehicles in a medium-sized city? - Vasilios Loutas, Giannis Kehagia and Efthimia Nathanail

Traffic calibrating measures as a tool to revitalise the urban environment: the case of Serres, Greece - Alexandros Sfouroopoulos, Eleni Verani, Anastasia Nikolaidou, Ioannis Politis and Fotinei Miki

Planning the future: innovative technology for city logistics - Afroditi Anagnostopoulou, Evangelos Syprou, Aggelos Aggalkalakis and Maria Bole

Location of urban micro-consolidation centers in Volos - Konstantinos Myopas, Efthina Nathanail and Ioanna Karakakes

Break

Session 7A: Human factors
Moderator: Athanasios Galanis

Sustainable traffic behavior and perspectives on the daily commute – A questionnaire in a typical mid-sized Greek city - George Botzoris, Athanasios Galanis, Panagiotis Leonakis and Maria Giannopoulou

A first look at e-scooter users - Alexandra Raptopoulou, Socrates Basias, Nikiforos Stamatiadis and Andreas Nikiforidis

Driving behaviour and road safety at signalised intersections in Sicily and Thessaloniki - Socrates Basias, Tiziana Campisi, Giovanni Tesorete, Antonio Canale and Panagiotis Vaitas

Recording and evaluation of motorists’ direction of attention in urban areas - Panagiotis Leonakis, Elia Miskafktou, Mytorea Koroni and Nikolaos Eliou

Urban critical travel: understanding the critical factors affecting parents’ choices - Konstantia Maria Koutou, Georgios Botziris, Georgios Ayfantopoulou and Vassilis Pofiloudis

Comparison of driver’s behaviour in Greece and Palestine (West Bank) - Fotini Kehagia and James Al-Azab

Investigating the correlation of mobile phone use with trip characteristics through multivariate analysis - Eleni Kastouri, Iamini Stroompou, Efthina Nathanail, Anastasia Sita and Nikos Mantas

Session 7B: Infrastructure resilience
Moderator: Fotini Kehagia

Urban transport plans in Chile: the inclusion of sustainable modes in public infrastructure projects - Marco Mendoza and Juan Pons

Smart infrastructure for shared mobility - Christos Gioliasis and Zoi Christoffori

Assessing the compliance of existing cycling route infrastructure against national guidelines in Greece - Eleftherios Bakogiannis, Aristomenis Kopasschlis, Georgios Bamaps and Ioannis Politis

New challenges for combined urban planning and traffic planning in Greek cities. The case study of Karditsa - Vasileia Eftiheliotu, Erotimos Bakogiannis, Avlai Vasi and Charalampos Kyriakids

Evaluating the readiness of urban freight deliveries through traffic microsimulation: an experimental study - Ioannis Karakinis, Georgios Assidakis and Ioanna Karakakes


Addressing street network accessibility inequities for wheelchair users in fifteen European city centers - Alexandros Barkoutsos-Tsaimpras, Vassilis Paraskopoulos, Aggeliki Slakaki and Yorgos Photis

Investigation of vehicle swept path analysis in roundabouts - Andromachi Gkouliani, Panagiotis Leonakis, George Kallabetsos and Nikolaos Eliou

Closing remarks and END OF DAY 3 – End of Conference

Virtual Room “Argo”

Session 5B: Social networks and traveller behavior
Moderator: Maria Karatsoli

Involving end-users in the creation of sustainable and inclusive mobility services - Eviein Marler

Toward active transport as a utilitarian and recreational form of sustainable urban mobility - Parsa Arbab, Javier Martinez, Sharif Armer and Karin Pfeffer

How public transport could benefit from social media? Evidence from European agencies - Georgios Georgiadis, Anastasia Nikolaidou, Ioannis Politis and Panagiotis Papapanou

Improving transport service through customer participation - Sergio Pedro Duarte, Maria Campos Ferreira, Jorge Pinho de Sousa, Jorge Freire De Sousa and Teresa Galvao Dias

Engaging residents of Thessaloniki on sustainable mobility through a citizens’ panel: considerations and implications from a methodological and practical perspective - Vasiliki Aprimi, Evangelos Geitonas, Aristotles Nalmpantis and Dimitrios Nalmpantis

The rise of the on-riding as a form of transportation: research on the characteristics and spatial needs of these trips - Apostolos Anagnostopoulou

Deployment of a mobile public transport information application: the operators’ perspective - Eleni Antoniou, Elini Kastouri, Iamini Stroompou, Alexandros Papacoralopoulos and Alexandros Deloukas