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<th>Time</th>
<th>Virtual Room “Centaurus” (Link: to be added)</th>
<th>Virtual Room “Argo” (Link: to be added)</th>
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<tr>
<td>11:15-11:30</td>
<td>Welcome</td>
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<td></td>
<td>Virtual CSUM2020 and instructions - Eftihia Nathanail</td>
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<tr>
<td>11:30-13:30</td>
<td>Keynote Speakers and Sponsors Session</td>
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<td></td>
<td>Key factors in achieving sustainable urban mobility in difficult times - Ronald E. Boénau, 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>13:30-14:00</td>
<td>Break</td>
<td>Training course by MARATHON</td>
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<td>14:00-15:00</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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<td>15:00-17:00</td>
<td>Special Session: MOMENTUM – Modelling Emerging Transport Solutions for Urban Mobility</td>
<td>Training course by MARATHON</td>
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<td>Modelling emerging transport solutions for urban mobility - Javier Burrieza Galán</td>
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<td>Future scenarios for mobility innovations and their impacts in cities and transport models - Javier Burrieza Galán, Pilar Rodríguez Vázquez, Oliva Cantó Ros, Georgia Ayfantopoulou, Josep Maria Salanova Grau, Maria Konstantinidou, Rodric Frederix and Péter Pápics</td>
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<td>Cataloguing and assessing city-scale mobility data - Georgia Ayfantopoulou, Javier Burrieza Galán, Antonio Masagosa, Josep-Maria Salanova, Neofytos Boufidis, Ignacio Martín Martínez, Pablo Fernandez-Muga and Oliva Cantó Ros</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>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 Maria Salanova Grau</td>
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<td>17:00-17:30</td>
<td>Break</td>
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<td>17:30-19:30</td>
<td>Special Session: Achieving Sustainability in a Disruptive Society: Experience in the U.S.</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 Schweigter</td>
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<td>Autonomous vehicles and micromobility in a disruptive society and transportation system - Lily Eleftheriadou, XiLi Zhao and Lili 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
Session 1A: Public transport and demand responsive systems

Gender impact on transit quality of service importance and performance assessment - Maria Tsami and Efthia Nathanial

Investigation of minibus public transport services characteristics in an urban area through the use of a stated and revealed preference survey - Maria Arkin, Socrates Basbas, Georgios Georgiadis and Efthia Nathanial

Effect of self-driving buses on vehicle scheduling - Vítor Namy and Balazs Horvath

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

Demand responsive public transport system in airport travel - Case study of Delhi - Sujata Savant, Neeraj Sharma and Amla Pudiyodopulu

Sustainable mobility and transport systems in medium-sized cities - Elías Papastavrinidis, George Kolonas, Antonia Athanasopoulou and Vasiliki Kollarou

Case studies in the Emilia-Romagna region in support of interoperability and accessibility of public transport - Margherita Pazzini, Claudio Lantiari, Valeria Vignali, Andrea Simone, Giuseppe Luppino, Danis Orazio and Giulio Dondi

Forecasting of urban public transport demand based on weather conditions - Ricardo Correia, Tânia Fontes and Jorge José Luís

Session 2A: Transformational technologies

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

Accelerating the deployment of ELVs for sustainable urban mobility: a harmonized pilot demonstration methodology - Anna Anagnostopoulou, Evangelia Portouli, Nikos Tsouret, Maria Krommydi, Angelos Amditis and Maria Pia Fanti

Investigating the impact of additive manufacturing on supply chains - Vissarion Manginas, Efthia Nathanial and Ioannis Karakikes

Modelling MaaS plans and commitment length: experience from two European cities - Alhena Tsirrampa, Ioannis Tsiourou, Ioanna Pagoni and Amalia Pudiyodopulu

A regional competence centre for SUMP in Central Macedonia, responding to the identified local needs - Maria Chatziathanasiou, Maria Morfoulaki, Konstantia Mpyesa and Lambrini Tzoti

Mobility as a Service (MaaS): past and present challenges and future trends - Antonio Amaral, Luis Barretos, Teresa Pereira and Sara Baltazar

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

Session 2B: Connected and autonomous vehicles and fleets

Ex-post evaluation of an in-vehicle wearing system for road-level road crossing: the case of taxi drivers - Anastasios Skoutof, Neofytos Boufis, Josep Maria Salanova Grau, Georgia Afyantopoulos and Socrates Basbas

An image-based approach for classification of driving behaviour using CNNs - Ioannis Vernikos, Evaggelos Spyrou, Michalis Savelonas and Stavros Karakikes

Introducing automated shuttles in the public transport of European cities: the AVENUE study case - Ekaterina Horschutz Nemeto, Ines Jaroudi and Guy Fournier

Strategic planning for urban air mobility: perceptions of citizens and potential users on autonomous flying vehicles - Tomás Ferreira and Sofia Kallakou

How autonomous vehicles affect vehicle emissions on motorways - Panagiotis Papantonious, Vasiliki Kallakou and Konstantinos Antoniou

A taxonomy of knowledge and skills for efficient autonomous vehicle operation - Fotini Orfanou, Eleni Vlahogianni and Georgia Yannis

Towards the adoption of Corporate Mobility as a Service (OmaaS): a case study - Antonio Amaral, Luis Barretos, Teresa Pereira and Sara Baltazar

Session 3A: Accelerating deployment: Governance and business models

Creating smarter cities by accelerating innovation in transport Small and Medium-sized enterprises (SMEs): the case of West Midlands region - Elefni Anoyrkati and Alba Avareto

Policy directions for enhancing transport innovation infrastructure for smarter regions - Tessa Luhkurst and Elefni Anoyrkati

Energy consumption and perspectives on alternative fuels for the transport sector in Greece - Akivaides Tsonmaras, Dimitris Margaritis and Tafania Moschovou

Building capacity of small-medium cities local authorities to implement MaaS and other innovative transport schemes - Anastasia Soutrina, Olimpia Papadopoulou, Sofia Kallakou and Georgios Georgiadis

Mapping and analyzing the transport innovation framework of the region of central Macedonia, Greece - Evangelos Genitsaris, Vasiliki Armpari, Aristotelis Nichopoulos and Dimitros Nalpantzas

Integrated parking management plan in medium-sized cities - Elias Papastavrinidis, George Kolonas, Ioannis Karamanitis, Antonia Athanasopoulou and Vasiliki Kollarou

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

Carsharing in Greece: current situation and expansion opportunities - Alexandra Boula, Chrysanthe Syri, Georgios Palantzas, Evangelos Genitsaris, Aristotelis Nichopoulos and Dimitris Nalpantzas

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

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

Willingness of cruise tourists to use & pay for shared and upgraded sustainable mobility solutions: the case of Corfu - Maria Morfoulaki, Michail Agathas, Golyeria Myrovali and Maria Natalia Konstantinidou

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

A multicriteria-based methodology for assessing alternative bicycle lane implementation solutions in urban networks - Ioannis Politis, Effimy Papadopoulou, Ioannis Pyrogenis and Zoi Pitsilidou

Examination of the level of service of the 2K bus Line in Thessaloniki, Greece, and proposed improvements - Christos Brotzids, Ioanna Elefni Tsai, Evangelos Ganisbargis, Aristotelis Nichopoulos and Dimitris Nalpantzas

Using alternative fuel vehicles in medium-sized cities - Elias Papastavrinidis, Vasiliki Kollarou, Antonia Athanasopoulou and George Kolonas

Investigating the Athens – Thessaloniki door-to-door intercity transport connection by all means from the travellers’ point of view - Anna-Angeliki Sarantakou, Evangelos Ganisbargis, Aristotelis Nichopoulos and Dimitrios Nalpantzas

Session 4A: System performance and assessment

A measure generator tool for sustainable urban mobility - Athanasios Karagiorgeris, Giannis Adamos, Efthia Nathanial

Estimation of the willingness to pay for road safety improvements and its correlation with several factors - Evangelia Beli and Dimitris Nalpantzas

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

Evaluation of a ride-sharing service in Thessaloniki: the perspective of both the service provider and the users - Georgia Afyantopoulos, Maria Konstantinidou, Neofytos Boufis and Josep Maria Salanova Grau

Discussing the role of traffic safety in sustainable urban mobility plans using spatial analysis techniques - Panagiotis G. Tsounas, Stefanos Tsaginis, Christos Karolemas and Effimy Bakkanima

The impact of megatrends on the transition from car-ownership to carsharing - A Delphi method approach - Dimitris Papacoonou, Georgios Palantzas, Theodoros Chrysianides and Dimitrios Nalpantzas

Urban mobility transition to sustainability: a system dynamics approach - Vasiliki Georgatzis and Yeoryios Stamboulis

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

END OF DAY 2
Virtual CSUM2020

Virtual Room “Centaurus” (Link to be added)

Session 5A: Smart cities

- Megatrends that affect sustainable mobility planning and their implications on sports tourism: the case of the Authentic Marathon, Athens - Eleni Anonyxia, Thanas Karianidis and Konstantinos Chatzis
- Co-creation techniques and tools for sustainable and inclusive planning at neighbourhood level. Experience from four European research and innovation projects - Margarita Angelidou, Maria Voutsina, Irini Chaniotis, Eftihia Nathanail and Ioannis Kasakis
- Modelling urban mobility during the recession: the case of Athens - Christos Kokkalis and Ioanna Syropoulou

10:00-12:00

- A user acceptance survey of pay-how-you-drive urban pricing schemes - Elendi Mantouki, Kutili Mihalek, Yiannis Kalaitzis and Elini Vlahogianni
- Measuring and evaluating pedestrian mobility environments: evidence from small cities in Greece - Georgios Bampis, Georgios Georgiadis, Anastasia Nikitidou, Rafael Katkadiugas and Dimitrios Tsakiris
- A comparative gap analysis for electromobility and alternative fuels - Fedani Orfanou, Panagiotis Papantonis, Eleni Vlahogianni and George Yannis

12:00-12:30

- Defining and prioritising indicators to assess the sustainability of mobility systems in emerging cities - Juan Camilo Medina Arregui, Jorge Pinho de Sousa and Edgar Ramon Jimenez Perez
- Mobility as a service for spatial and social coherence - Monika Themel, Poliati Miki and Maria Markou.

12:30-14:30

- Emissions estimation for obsolescing bus fleets: problems and advances - Maria Vittoria Corazza, Paolo Cantilano Lozana, Marco Paicucci, Enrico Petrucci and Daniele Vasan
- Evaluation of the aesthetic impact of urban mass transportation systems - Christos Pyrgidis, Antonis Lagaros, Ioannis Gafanofakis, Ioannis Sphikalis and Michele Barbagli
- A methodological approach for estimating urban green space: the case of Thessaloniki, Greece - Alexandros Sidokopoulou
- Evaluating urban mobility sustainability through a set of indicators: the case of the city of Lamia, Greece - Maria Polyzou, Georgios Palantzas and Dimitris Nalmpantis
- Impact assessment of climate change on coastal transport systems in the greater Thessaloniki area - Apostolos Papagiannakis and Konstantinos Nafaith
- How ready are Greek consumers to use electric vehicles in a medium-sized city? - Vasilis Lioutsos, Giannis Adamos and Ethelia Nathanial
- Traffic calming measures as a tool to revitalise the urban environment: the case of Serres, Greece - Alexandros Sidokopoulou, Eleni Varani, Anastasia Nikitidou, Ioannis Politi and Poliati Miki
- Development and roll-out of an on-road bio-waste screening methodology with vehicle selection using Multi-Criteria Decision Analysis (MCDA): implementation in the municipality of Chalkis, Greece - Konstantinos Gkoutzis, Georgios Palantzas and Dimitris Nalmpantis

14:30-15:30

- Sustainable travel behavior and perspectives on the daily commute – A questionnaire survey in a typical mid-sized Greek city - George Bobonis, Athanasios Galani, Panagiotis Lemosakis and Maria Giannopoulou
- A first look at e-scooter users - Alexandra Raptopoulou, Socrates Babas, Nikiforos Stamatiadis and Andreas Nikolaidis
- Driving behaviour and road safety at signalised intersections in Sicily and Thessaloniki - Socrates Babas, Tiziana Campisi, Giovanni Tesoriere, Antonio Canale and Panagiotis Valitis
- Recording and evaluation of motorcyclists’ distraction of attention in urban areas - Panagiotis Lemonakis, Eleni Vlahogianni, Myrhofor Nenos and Nikos Efti
- Urban school travel: understanding the critical factors affecting parents’ choices - Komilia Maria Kotoulia, Georgios Bobonis, Georgios Afantopoulou and Vassilis Proftidis
- Comparison of driver’s behavior in Greece and Palestine (West Bank) - Foti Di Kehagia and Jamiel Ak-Akarabiah
- Investigating the correlation of mobile phone use with trip characteristics recorded through smartphone sensors - Panagiotis Papantonis, Amira Kontaxis and George Yannis
- Attitudes and preferences of University student bicyclists: the tale of two Greek cities - Nikiforos Stamatiadis, Andreas Nikolaidis, Socrates Babas, Pantelis Kepelias, Elpida Karantiani, Anastasia Sira and Nikos Mantis

17:30-18:00

- Covid-19 transport analytics: analysis of Rome mobility during coronavirus pandemic era - Stefano Brinchi, Stefano Carnese, Ernesto Chipani, Chiara Colombarini, Umberto Cisalli, Gaetano Fusco, Andrea Gemma, Natale Ioannou, Livia Mannini and Marco Parelli
- Digitalization in freight transport services: Balkan area - Athillia Alac, Afroditi Anagnostopoulou and Dimitris Nalmpantis
- Benchmarking analysis of road safety levels for an extensive and representative dataset of European cities - Katerina Folla, Paraskevas Nikolakou, Loukas Dimitriou and George Yannis
- A cloud-based Big Data architecture for an intelligent green truck - Nikos Dimakas, Dimitra Margaritis, Manuel Gaetani and Alfredo Favanza
- Connecting cruise lines with local supply chains for enhancing customer experience: a platform approach in Greece and Elite Wispo - Vasiliki-Maria Perra, Maria Bole, Leonidas Ethymiou, Evi Dekoulou and Yannia Orphanidou
- Investigating the prospect of adopting Artificial Intelligence techniques from transport operators in Greece - Aristomenis Kopsacheilis, Anastasia Nikolaidou, Georgios Georgiadis, Ioannis Politi and Panagiotis Papapanagiotou
- Clustering of urban road paths: identifying the optimal set of linear and nonlinear clustering features - Giokarya Myrovali, Theodoros Karakasidis, Maria Mouloukaki and Georgios Afantopoulou
- Exploring the Big Data usage in transport modelling - Danai Tsizikostopoulos and Ethelia Nathanial

END OF DAY 3 – End of Conference