Session 1A: Social networks and traveller behaviour I
Moderators: Odile Heddebbie, Pyuyshimita Thakuriah

The walkability of Thessaloniki: citizens' perceptions - Roxani Gkoura, Dimitrios Nalmpantis, Evangelos Genitsaris and Aristotelis Nanopoulos

Innovation of smartphone applications about transportation among university students - Chani Choliadakis, Rollinu Taroarai, Socrates Basios and Ioannis Politis

Social networking and Driving. A study about young Greeks - Themopyphi Kyliouan, Pantelis Kopelias, Christos Mariades Polymopoulos and Ioannis Demirdi

Crowdsourcing and visual research methodologies to promote data collection for sustainable mobility planning - Efthimios Bokoggianis, Maria Siti, Konstantinos Athanassopoulos, Avgi Vassi and Charalambos Kyriakidis

Megatrends, a way to intensify the future transport challenges - Vladosla Maras, Mirjana Bogurovnic, Eleni Anoyarkit and Alba Lin Vitiello

Unveiling the potential of ITS market research analysis - Ioan Zaldivar, Eleni Anoyarkit, Alexis Garcia-Perez, Alba Lina Averolle, Viola Rajkova, Xavier Leal and Victor Corral

Artistic urbanism: Reclaiming the right to use public spaces in Thessaloniki, Greece - Margarita Angeliolou

Big data affects the design of urban furniture: An approach from the perspective of industrial design - Selim Meket Jahn and Fisun Suruoglu

Coffee Break

11:00-11:30

Keynote Speakers Session
Moderator: Eftihia Nataniel

A Geospatial Perspective on Sustainable Urban Mobility in the Era of Big Data - Prof. Bin Jiang

Exploring social and economic implications of big data for mobility - Prof. Pyuyshimita Thakuriah

ECO Driving: Strategies and Impacts - Prof. Alexander Skabardonis

Sponsors Session
Moderator: Eftihia Nathaniel

Attica Tollway Traffic Operations. Enhancing Road Safety with the use of new technologies - Attiki ODOS: Dr. Dimitris Serbis

Lapasibilities and applications of ArcGIS® - Marathon Data Systems

14:00-15:00

Lunch

14:00-15:00

Session 2A: Traffic emissions and environmental impacts I
Moderators: Fotini Khogia, Dimitris Serbis

Development of a methodology, using multi-criteria Decision Analysis (MCDA), to choose between full pedestrianization and traffic calming zone (on green zone type) - Ioannis Vassileiadis and Dimitrios Nalmpantis

Influence of traffic emissions on urban air quality: a case study of a medium sized city - Aggelos Argelagos, Afroditi Anatopoullou, Nikiforos Tramores and Maria Boile

Cycling as a key component of the Athenian sustainable urban mobility plan - Efthimios Bokoggianis, Maria Siti, Georgi Christodouloupoliou, Christos Karoleemis and Charalambos Kyriakidis

Assessment of CO2 footprint of the new Athens Metro line 4 during the operation phase - Aristidis Giokoumis, Fotini Khogia and Efthimios Zervas

Considerations on sustainability mobility: The contribution of cycling to the shift of transportation behaviour - Elias Popostavrinis, George Kollaros, Vasiliki Kollouri and Antonia Athanassopoulou

Modelling travellers’ behaviour in the presence of reward schemes offered for green multimodal choices - Amalia Polydoropoulou, Ioanna Iponi, Athina Tsirimpas and Ioannis Toutras

Sensitisation of cities or improved transport technology to curb CO2 emissions? - Harold Nils Rostuk

Traffic and environmental rehabilitation of the Agios Anargyriou square of the Municipality of Agios Anargyri - Katerina - Christina Margiots, Efthimios Zervas and Dimitris Varinos

Coffee Break

17:00-17:30

Session 3A: Data security and legal issues
Moderators: Antonio Comi, Panteleono Skayannis

Major limitations and concerns regarding the integration of autonomous vehicles in urban transportation systems - Panagiota Fasofutelis and Eleni Mantouka

Data protection in smart cities: application of the EU GDPR - Maria Stefanou and Chris Economou

Connected and autonomous Vehicles - Legal issues in Greece, Europe and USA - Elissavet Demirdi, Pantelis Kopelias, Efthia Nathaniel and Alexander Skabardonis

Implementing a blockchain infrastructure on top of vehicular ad hoc networks - Anargyros Gkgkidis, Nikolaos Glowhoudis, Georgios Theofooulos and Ioannis-Anagnostopooulos

Shared autonomous vehicles and urban mobility: a vision for Rome in 2035 - Agostino Nuzzolo, Luis Persia, Antonio Comi and Antonio Polimeni

Urban transport planning principles apply to Norwegian medium-sized sprawling city regions? The case of Stavanger region - Daniel Mueller-Ele

Health related benefits of non-motorised transport: an application of the Health Economic Assessment tool of the World Health Organisation to the case of Trikala, Greece - Panteleono Skayannis, Marios Goudos, Diane Crone, Sonia Kahlmeier, Nick Coviell and Viisena Myaids

Austonomous vehicles and blockchain technology are shaping the future of transportation - Panagiota Georgi Saarong, Dimitra Thodrinoaggian and Stylianos Karakas

Coffee Break

19:00-19:30

Session 1B: Public transport and demand responsive systems I
Moderators: Antonio Polimeni, Mihails Savrasovs

Evaluation of probabilistic demands usage for the online dial-a-ride problem - Athanasios Lioi, Athanasios ZilasKapoulo and Tsilappotos Pyanos

Understanding taxi travel demand patterns through Floating Car Data - Agostino Nuzzolo, Antonio Comi, Enrica Papa and Antonio Polimeni

Critical Moment for Taxi Sector: What should be done by traditional Taxi sector after the TNC disruption? - xoan Yildizgog and Prof. Dr. Murat Celii

Predictive maintenance for buses: Outcomes and potential from an Italian case study - Marie Vittoria Cornazza, Daniele Varsi, Enrico Petracci and Luigi Brambilla

Electrification of public transport: lessons from the ELIPTIC project - Yannick Bousse, Maria Vittoria Cornazza, Jan Kowalski, Gerhard Messing, Diego Sal毫米Antonio and Marjorie De Beursen

Conjoint Analysis for the optimization of a potential flexible transport service (FTS) in the region of Zagori, Greece - Alexandros Toukaoukis, Evangelos Genitsaris, Dimitrios Nalmpantis and Aristotelis Nanopoulos

Theoretical view on the designing of prototype of business model for a transport company - Oksana Skorobogatova and Irina Kuzmina-Merina

Coffee Break

21:00-21:30

Session 2B: Public transport and demand responsive systems II
Moderators: Umberto Cisiali, Ioannis Politis

Investigating potential synergies between social entrepreneurship and public transport through experts’ consultation in Greece - Afroditi Stamopoloulou, Evangelos Genitsaris, Dimitrios Nalmpantis and Aristotelis Nanopoulos

Modeling transit user travel time perception in a post-economic recession era: The case of Athens, Greece - Athanasios Kepaptsoglou, Konstantinos Keppouglou, Eleni Vilggianni and Christina Ropoulou

The aesthetic integration of a tramway system in the urban landscape - evaluation of the visual nuisance - Christos Pyrgidis, Antonis Avgias and Alexandros Doinantsi

Redefinition of public transport in the Alto Minho region, Portugal – an overview - Sara Borlaz, Luis Barreto and Antonio Amarel

A criteria-based evaluation framework for assessing public transport related concepts resulted from collective intelligence approaches - Evangelos Genitsaris, Afroditi Stamopoloulou, Dimitrios Nalmpantis and Aristotelis Nanopoulos

A concept for smart transportation user feedback utilizing volunteered geoinformation approaches - Benjamin Dienstl and Johannes Scholz

Operating resilience of severely disrupted urban transport systems - Sofia Bouki, Alexandros Deloulous, Efthymia Apostolopoulou and Anna Anastasio

Public transport in transnational peripheral areas: challenges and opportunities - Federico Cavallaro and Giulio Somma

Coffee Break

23:00-23:30

Session 3B: Application of big data technologies in transport
Moderators: Spyridon Vouliag, Irina Yatskiv

Applying unsupervised and supervised machine learning methodologies in social media textual data - Konstantinos Kokkinis, Efthia Nathaniel and Elpini Papageorgiou


Assessment of dynamic geo-positioning using multi-constellation GNSS in challenging environments - Steiola Strakato, David Bétaile and Urs Hugentobel

A thorough review and analysis of journey planners - Dimitrios Soures and Efthia Nathaniel

Investigating multiple areas of mobility using mobile phone data (Smartcarts) in Chile - Paul Elliott and Romain Deschamps

The contribution of big open data sources and analytics tools to sustainable urban mobility - Stavros Samaras-Kamlorok, Petros Angelos Vagatzakis, Tati Nathaniel and Lombras Mitropoulos

Beyond travel time savings: Conceptualizing and modelling the individual value proposition of mobility - Joaozypo, Zuzana Kurilrobb, Ghair Pourfasherm and Martin Hudak

Future technologies in the EU transport sector and beyond: an overview of 2020-2035 - Alkiviadis Tramores, Aegela Aegelis, Mirja Happe, Thomas Trachsel and Eleni Anoyarkit

Gala Dinner @ My Ithaki Restaurant

20:30-23:30
<table>
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<th>Programme</th>
<th>Location: THE SKIATHOS PALACE HOTEL</th>
<th>Date: Friday, 25/5/2018</th>
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### Session 4A: ALLIANCE Special Session
**Moderators:** Irina Kuzmina-Merlino, Irina Piscina

**09:00-11:00**
- **Integrating logistics and transportation simulation tools for long-term planning** - Ioannis Karakikes, Wladimir Hofmann, Lamброс Mitropoulos and Mihalis Savvatos
- **Design and development of priority based control strategies of ground vehicles movements on the aerodrome** - Iyad Alomar, Juri Tolukew and David Weingart
- **Comparing the user cost and satisfaction in two Latvian transport Interchanges** - Irina Yatsyk and Vaira Gromule
- **Investigating the accessibility Level in Riga’s International Coach Terminal: A comparative analysis with European Interchanges** - Eveline Ludovitch, Vissarian Maginnis, Giannis Adams, Irina Yatsyk and Maria Tsami
- **Impact of critical variables on economic viability of converted diesel city bus into electric bus** - Kristine Malnaca and Irina Yatsyk

### Session 5A: Data-driven infrastructure management
**Moderators:** Socrates Basbas, Alexander Skakbondonis

**11:30-13:30**
- **Performance evaluation of GLOSA algorithms under realistic traffic conditions using C2I-communication** - Michael Kloeppel, Jan Grimm, Severin Strobl and Rico Auerswald
- **Have information technologies forgotten pedestrians? to what extent can it’s improve pedestrian’s mobility and safety** - Hector Monterde-I-Bort, Socrates Basbas, Charlotta Johansson, Lars Leden and Per Gärder
- **Trip generation rates for a University campus: the case of Aristotle University of Thessaloniki, Greece** - Socrates Basbas, Konstantinos Tokatzoglou, George Mintsis, Christos Tzartaris and Ioannis Politis
- **An analysis on drivers’ self-reported questionnaire responses, regarding aggressive driving, attitude toward cyclists and personal values** - Kyriakos Andronis, Nikolaos Mavridis, Alexandros Dikonomou and Socrates Basbas
- **Redesigning the seaport area of Paños - Spyridon Vougas, Konstantinos Anastasidou and Giorgos Vargas**

### Session 6A: City logistics systems
**Moderators:** Athanasios Galanis, Daniela Mueller-Fiege

**13:40-14:30**
- **A new gold mine? Identifying crucial factors affecting the potential of a freight train for urban freight distribution** - Katrien Vanelslander, Hilde Meersman, Christo Sys, Eddy Van de Voorde and Thierry Vanelslander
- **Development of a smart picking system in the warehouse** - Raitis Agapolns and Genadijs Gromovs
- **A conceptual framework for planning transhipment points for cargo bikes in last mile logistics** - Tom Assmann, Evelyn Fischer and Sebastian Bother
- **WJOT analysis for the introduction of night deliveries policy in the Municipality of Thessaloniki - Efthathia Boukouvalas and Socrates Basbas**
- **Design of a digital collaborative tool to improve mobility in the Universities - Ariela Goldbard, Ana Velazquez, Rodrigo Rebbolla, Erick López, Octavio Mercado and Felipe Victoriano**
- **The implementation of environmental friendly city logistics in south Baltic Region cities - Stanislav Iwan and Kinga Kijewska**

### Session 7A: NOVELLOG Special Session
**Moderators:** Giannis Adamos, Harald Nils Rostvik

**16:30-17:00**
- **Environmental aspects of urban freight movement in private sector - Afraditi Anagnostopoulos and Maria Boile**
- **Assessing traffic and environmental impacts of smart trucks logistics measure in a medium-sized municipality of Athens - Vassilios Vouyiou, Efthia Thanouli and Ioannis Karakikes**
- **Adaptability/transferability in the city logistics measures implementation - Stanislaw Iwan and Kinga Kijewska**
- **Does the implementation of urban freight transport policies and measures affect stakeholders' behavior? - Efthia Thanouli, Giannis Adamos, Ioannis Karakikes and Lamброс Mitropoulos**
- **An agent-based simulation of retailers’ ecological behavior in central urban areas. The case study of Turin - Elena Maggi, Elena Vallino and Elena Beretta**
- **Diagnostic of the European logistics and road freight transportation sector - Georgia Afjadopoulos, Iraklis Stamou, Stavros Giannini and Jose-Maria Salanova**
- **Urban traffic management utilizing soft measures A case study of Volos city - Maria Karatoli, Ioannis Karakikes and Efthia Thanouli**

### Session 7B: Transport data and analytics
**Moderators:** Konstantinos Kokkinos, Agostino Politi

**17:00-19:00**
- **Measuring the spatial accessibility of public transport: the case of the new urban rail systems in the city of Thessaloniki, Greece - Ioannis Barakosinos, Konstantinos Karapogou and Apostolis Papagiannakis**
- **C4T0 - A Tracking for planning Tool applied to cycling and walking data - André Ramos and João de Abreu E Silva**
- **Assessing the impact of changes in mobility behaviour to evaluate sustainable transport policies: case of university campuses of Politecnico di Milano - Samuel Volontino, Alberto Bertolini, Paolo Berio, Eleonora Petrotta, Fabio Carlo Guerreschi, Paolo Baglion and Stefano Casalini**
- **Assessment of drivers' perception of quality of service on urban roundabouts - Maria Perpina, Efthina Dimakou and Filipa Henighan**
- **Urban freight and transportation infrastructure in European countries - Poulincs Prastos and Apostolos Logarinos**
- **Combining land use, traffic and demographic data for modelling road safety performance in urban areas - Efthimios Papadopoulos and Ioannis Politi**

### Session 8B: Traffic emissions and environmental impacts II
**Moderators:** Apostolos Papagiannakis

**19:00-21:00**
- **Examining mobility gaps in University campuses - Panagiota Papantoniou, Eleni Vlahogannis, George Yannis, Maria Attard, Pedro Valero, Maria Elena Campos Diaz and Maria Tereza Tormo Lancero**
- **Large and open data regarding sustainable mobility in smart cities - the case of Thessaloniki - Georgia Afjadopoulos, Jose-Maria Salanova, Panagiota Tzemos, Iraklis Stamou and Evangelos Mitsakis**
- **Impact of critical variables on economic viability of converted diesel city bus into electric bus** - Kristine Malnaca and Irina Yatsyk
- **Redesigning the seaport area of Paños - Spyridon Vougas, Konstantinos Anastasidou and Giorgos Vargas**
- **Assessing traffic and environmental impacts of smart lockers logistics measure in a medium freight distribution scenario** - Farhana Politecnico, Eleonora Perpinia and Antonia Bertolin
- **Environmental aspects of urban freight movement in private sector** - Ioannis Adamos and Eleonora Perpinia

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**Conference closure**