



PROGRAMME

FINAL VERSION

Tuesday, 04 June 2019

Meeting point and venue: CERTH premises (6th Km Charilaou - Thermi Rd. Thermi, 57001 Thessaloniki, Greece - *Coordinates: 40.566778, 22.998014*)

- 16.30 – 18.30 Guided tour at CERTH premises and research infrastructure.
- 18.30 – 20.30 Welcome reception and registration.

Wednesday, 05 June 2019

Venue¹:

6th Km Charilaou - Thermi Rd. Thermi, 57001
Thessaloniki
Greece

09.00 – 09.30	Registration, welcome, coffee and tea (Foyer)
09.30 – 09.45	Opening and official welcome by the Organizing Committee Chair Dr. Evangelos Bekiaris (Room: Vergina)
09.45 – 10.00	Introduction to the supporting organizations ECTRI, FEHRL, and FERSI by respective representatives (Room: Vergina)
10.00 – 10.30	Key note by Alessandro Coda, CLEPA Chief Technology Officer (Room: Vergina)
10.30 – 11.00: <i>Coffee break (foyer)</i>	
11.00 – 13.00	<u>Parallel session 1: Transport Safety (Chair: Dimitrios Nalmpantis & Lila Gaitanidou)</u> <ul style="list-style-type: none">▪ Passive Safety of road equipment, Moritz Grimmelsmann (BASt)▪ Bicyclists' reasoning on their use of handheld (smart)phones in Denmark and The Netherlands, Rebecca Karstens Brandt (DTU)▪ A novel method for enhancing ships systems safety – Case studies for conventional and hybrid cruise ships diesel-electric propulsion systems,

¹ (Buses will be available to transfer all participants to and from the CERTH premises from Wednesday morning to Friday morning).



Victor Bolbot (University of Strathclyde)

- **Protection issues for motorcyclists' airbag protectors: A parametric study based on real accident data**, *Oscar Cherta Ballester (IFSTTAR)*

(Room: Vergina)

Parallel session 2: Transport economics, policy and transport behaviour (Chair: Marie-Axel Granié)

- **Travellers' valuation of sitting and standing places in crowded trains**, *Nina Hulleberg (TOI)*
- **Cost-benefit analysis models for autonomous & unmanned marine vessels**, *Attila Akac (CERTH)*
- **Exploring the Vessel Train Concept**, *Alina Colling (Delft)*
- **Analysis of transport related social exclusion in rural Hungary: policy implications for microregions**, *József Pál Lieszkovszky (KTI)*

(Room: Zefyros)

Parallel session 3: Intelligent Transport Systems (ITS) & Traffic management (Chair: Tatiana Kováčiková)

- **Enterprise Architecture Methodology driving forward Mobility Services**, *Holger Dress (BASt)*
- **Microscopic data collection approach to study the capacity drop of freeways bottlenecks and its variation**, *Gómez Patiño Carlos (IFSTTAR)*
- **The creation of a citizen observatory campaign aimed at promoting cycling through FLAMENCO: an open and reconfigurable digital platform**, *Liesbeth De Wilde (VUB)*

(Room: Aiolos)

13.00 – 14.00: Lunch (foyer)

14.00 – 16.00

Parallel session 4: Transport civil and road, rail or maritime engineering (Chair: Claude Rospars & Stergios Mavromatis)

- **Impacts of Automated Driving on Geometric Road Design**, *Ane Dalsnes Storsaeter (NTNU)*
- **Artificial intelligent control of wave energy converter**, *Liang Li (University of Strathclyde)*
- **Monitoring of bridges' cables combining non-destructive techniques: vibration methods and acoustic emission**, *Dia Abdou (IFSTTAR)*

(Room: Aiolos)

Parallel session 5: Transport sustainability and environment (Chair: Ingrid van Schagen)

- **Road Transport Electrification: past, current and future European research developments**, *Eleni Mavropoulou (CERTH)*
- **An overview of charging station infrastructure planning and application in the city of Thessaloniki**, *Theocharis Vlachopanagiotis (AUn)*
- **Animal – train Collisions in the Czech Republic**, *Vojtěch Nezval (CDV)*

(Room: Zefyros)

16.00 – 16.30: Coffee break (foyer)

16.30 – 18.00

Cross cutting session: Handicraft workshop
(All rooms)

Social Event

Buses will depart from CERTH premises for the tour

19.00 Tour at the City of Thessaloniki
21.00 Official Dinner

Thursday, 06 June 2019

Venue:

6th Km Charilaou - Thermi Rd. Thermi, 57001
Thessaloniki
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08.30 – 09.00 Welcome, coffee and tea
(Foyer)

09.00 – 11.00 **Parallel session 6: Intelligent Transport Systems (ITS) & Traffic management (Chair: Armando Carrillo)**

- **Affective interfaces: an implementation of emotional design in mobile applications**, *Eleni Chalkia (CERTH)*
- **Towards a Resilient Management of C-ITS Services in Smart Cities**, *Charis Chalkiadakis (CERTH)*
- **Speed differences of conventional and pedal assisted bicycles in an everyday life use**, *Phillip Blass (KfV)*

(Room: Aiolos)

Parallel session 7: Transport sustainability and environment (Chair: George Panagakos & Nikolaos Ventikos)

- **Configurations Optimization of a Tug Ship Propulsion System: A Life Cycle Assessment Case Study**, *Haibin Wang (University of Strathclyde)*
- **Life cycle assessment for marine SOx reduction scrubber systems**, *Hayoung Jang (University of Strathclyde)*
- **A systematic approach of Life Cycle Sustainability Assessment for the maritime transport**, *Eirini-Asimina Stamatopoulou (NTUA)*
- **Heat exchanger design based on raw earth materials: application to the data centres cooling**, *Chafea Bouchenna (IFSTAR)*

(Room: Zefyros)

Parallel session 8: Transport Safety (Chair: Anne Silla & Kalliopi Anastasiadou)

- **A decision support tool for the safe navigation of ships**, *Dionysia Chroni (NTUA)*
- **Distracted walking and the impact of mobile phone use: A literature review**, *Vasiliki-Maria Perra (CERTH)*
- **Use case scenario building concerning integrated I2V communication for smart infrastructures**, *Michael Gogas (CERTH)*
- **The effect of ACC and LKA on the occurrence of safety relevant events:**

A naturalistic driving study, *Celina Mons (SWOV)*

(Room: Vergina)

11.00 – 11.30: *Coffee break (foyer)*

11.30 – 12.30 Cross cutting session: Pub quizz

(Room: Vergina)

12.30 – 13.30: *Lunch (foyer)*

13.30 – 15.30 **Parallel session 9: Transport economics, policy and transport behaviour**
(Chair: Afroditi Anagnostopoulou)

- **Modelling the choice of travel mode and ticket type in the Greater Oslo Area, *Guri Natalie Jordbakke (TOI)***
- **Factors affecting the level of adoption of new technologies: the case of a new sharing economy application in the transport sector of Thessaloniki, *Maria Konstantinidou (CERTH)***
- **Smartphone-based travel surveys as a tool for data collection for policy makers, *Martin Hudák (NTNU)***
- **Cost-effectiveness evaluation of rural roads in Norwegian roads network, *Ali Foroutan (NTNU)***

(Room TBD)

Parallel session 10: Transport safety (Chair: Laurent Carnis)

- **Accidents of Pedal Electric Cycles in Germany, *Tobias Panwinkler (BASt)***
- **Hidden Details in Bicycle-Car Crashes: Results of a Study on Accident Causation, *Kirsten van Duijvenvoorde (SWOV)***
- **Computer simulation of motorcycle helmet ejection during crash, *Ioannis Symeonidis (CERTH)***

(Room TBD)

15.30 – 16.00: *Coffee break (foyer)*

16.00 – 18.00 **Parallel session 11: Transport civil and road, rail or maritime engineering**
(Chair: Alistair Greig)

- **New approach to determine the market structure of cruise ports, *Vivien Lorenčič (University of Ljubljana)***
- **Study on field performance of skid resistance: a step towards safer road infrastructures, *Maria Pomoni (NTUA)***
- **OSIMAB: Online Safety Management for Bridges - System Identification: Clustering of relevant bridge structures, *Andreas Socher (BASt)***

(Room: Aiolos)

Parallel session 12: Transport economics, policy and transport behaviour
(Chair: Katerina Toulou)

- **Understanding university students' post-adoption behaviors of ride-sourcing services: A comparison between China and France, *Wei Kang (IFSTTAR)***
- **Perception of personal exposure and objectively measured environmental stressors while commuting: How can information provision support healthier mobility, *Heike Marquart (DLR)***
- **Is autonomous driving like inexpensive fuel? Analyses based on an**

aggregated travel demand model, Luise Fremder (DLR)
(Room: Zefyros)

Friday, 07 June 2019

Venue:

6th Km Charilaou - Thermi Rd. Thermi, 57001
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08.30 – 09.00 Welcome, coffee and tea
(Foyer)

09.00 – 10.30 Cross cutting session: Impact and presentations assessment
(Room: Vergina)

10.30 – 11.00: *Coffee break (foyer)*

11.00 – 12.00 Feedback session
(Room: Vergina)

12.00 – 13.00 Plenary and awards ceremony, closure
(Room: Vergina)