8th International Congress on Transportation Research

ICTR 2017

The Future of Transportation: A Vision for 2030

September 27-29, 2017 - Thessaloniki, Greece

Final
Congress Programme

Under the Auspices of H.E. the President of the Hellenic Republic Mr. Prokopios Pavlopoulos

Organized by:

HELLENIC REPUBLIC OF TRANSPORT

With the active support of:

HELLENIC INSTITUTE OF TRANSPORTATION ENGINEERS

HELLENIC REPUBLIC MINISTRY OF INFRASTRUCTURE AND TRANSPORT

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The Hellenic Institute of Transportation Engineers (HITE) was founded in 1976 and is renown as an expert counterpart for supporting decision making processes in transport sector.

The institute aims at promotion of scientific and technological knowledge in the field of transportation through seminars, conferences and roundtables. It widely supports research in the domain of transportation at national level by collaborating with public and private organizations as well as establishes and disseminates technical standards for study, realization and management of projects related to passenger and cargo transportation.

About the Organizers

The Hellenic Institute of Transport (HIT) of the Center for Research and Technology Hellas (CERTH) is a highly accredited research institution that is considered to be a source of innovation and entrepreneurship in field of transport in Europe. Since its establishment in 2000, HIT has evolved towards becoming the leading research institution in Greece. Identified as a center of excellence, it offers specialized research and technical services and cooperates with local private and public bodies as well as a large number of other institutions in Europe and throughout the world.
Dear all,

It is an honour to welcome you in the 8th International Congress on Transportation Research (ICTR)!

The conference is organized by the Hellenic Institute of Transportation Engineers and the Hellenic Institute of Transport, under the Auspices of H.E. the President of the Hellenic Republic Mr. Prokopios Pavlopoulos, with the active support of the Ministry of Infrastructure and Transportation and the Municipality of Thessaloniki, under the umbrella of major European Research Networks: ECTRI, ERTICO, EURNEX, FEHRL, HUMANIST and WEGEMT.

Having generous sponsorships from many industrial and research organizations (HELASTRON, SWARCO, HELLENIC INSTITUTE OF TRANSPORT, HELLENIC PETROLEUM, MLS) and a great number of media sponsors (ERT3, AMNA-NEWS, TV100, VERGINA), we aim to provide a great organization for all of you!

ICTR is committed to present all recent achievements on Transportation Research including emerging topics and forthcoming challenges in the era of “changing the way we move”! ICTR provides a very unique opportunity for all of us to meet “The Future of Transportation: A Vision for 2030”.

I am very pleased to see this conference steadily developing over the years, starting back in 2002 with almost 50 papers and reaching more than 150 papers this year! Your strong support and active participation have made the 8th ICTR a record-breaking event. We have exceeded the total number of papers ever presented in previous ICTR conferences and the total number of people ever registered. Moreover, this year we have the largest involvement of foreign speakers and well known international scientists as authors!

As we continue to grow, we always try to remain adaptable, open to new ideas and responsive to this event’s organization! The quality of the technical program is world-class, and the range of topics is broad enough to meet all transport related emerging “hot” topics.

The world of Transportation Research is an exciting world, full of challenges and chances to study and develop cutting edge technologies and systems. This Conference opens the gates to these opportunities, bringing together inspired people, distinguished professors and professionals, exceptional students and industry colleagues, to present their work, achievements and vision.

This year, we have two esteemed and distinguished experts in transportation research as honoured guests, Dr. D. Theologitis from DG Move of the European Commission and Dr. B. Peters from VTI, to share with us, based on their lifelong achievements, today’s vision of tomorrow!

We aim to keep striving on developing scientific excellence!

Prepare yourself to be excited and inspired! Welcome to the 8th ICTR!

Evangelos Bekiaris
CERTH/HIT Director
Congress Organising Committee Chairman
Transport sector in the digital era relies more and more on high end transport research. The Europeans are expecting more and more integrated and cost affordable services in all transport modes and the European transport industry strives to evolve to more novel and competitive technological products and services, whereas. But which are the contemporary key challenges for transport research in Greece, in Europe and worldwide?

Undeniably, autonomous vehicles traffic is a major challenge which will transform road traffic forever and major investments are dedicated on related research worldwide. Ensuring the combination of safe, efficient and green autonomous vehicles’ traffic is a key challenge without a single answer. The interface of autonomous vehicles with the non-motorized and vulnerable road users (pedestrians, cyclists, motorcyclists), the tricky long transition phase with mixed traffic of autonomous and non-autonomous vehicles and the battery efficiency challenges are some of the key research priorities worldwide.

In parallel to autonomous vehicles research, special focus is lately given to research on flying vehicles (Vertically Taking off and Landing Vehicles - VTOLs) adding the vertical dimension at the current road traffic with tremendous repercussions on the efficiency, the safety, and the environmental benefits and implications. European and global research aim to bringing closer road and air traffic with technically sound and gradually affordable for all solutions.

Special emphasis is also put on research for novel and innovative materials to be used in all transport modes, tailored also for extreme conditions and environments. Lighter and more resistant vehicles, trains, vessels and aircrafts is a key challenge with major repercussions on the new energy, environmental and safety footprint of the of the future transport means. Nanostructured coatings and thin films, functionally graded materials light high-performance composites and green cars are key priority research areas expected to transform the overall performance of the transport systems of the future.

However, the greatest contemporary challenge might be the integration of transport systems into high performing, seamless and user oriented transport services. During the last decade, European research has contributed a lot on the transport services integration, however, the new digital era brings great opportunities to integrate services between all transport modes but also with all other society and economy services (health, energy, the environment, education, etc), from which the transport user can greatly benefit. Services integration for urban and interurban mobility, for intermodal transfers, for multi-modal operations, for integrated logistics can benefit greatly from the new data wealth available and upgrade significantly the performance of transport systems in Europe and worldwide.

The benefits from transport research are however optimized only through close and efficient cooperation between Research Organisations, the Industry and the Society. The Industry and the Society should exploit the research expertise and results and the Research Organisations should listen and adjust to the Industry and Society needs. The US Industry and Society give a high value on research with major investments bringing back major benefits both to the economy competitiveness and the quality of life. Europeans strive to cope with not negligible - but not always sufficient - investments, from both the public and private sectors, whereas in Greece much more effort is needed for investments and closer cooperation between researchers, the industry and the public sector.

The 8th International Conference on Transport Research with theme: The Future of Transport - a Vision for 2030 taking place in Thessaloniki in September 2017 is a great opportunity to bring together Researchers, Authorities, Industry and all Transport Stakeholders to witness the great potential of Greek Researchers and discuss the future of transport research and its contribution to Greek, European and Global society.

George Yannis
Professor, National Technical University of Athens
Congress Scientific Committee Chairman
Dear Colleagues,

Transportation of both people and goods will change radically in the years to come. Emerging technologies, innovative services and alternative fuels will be major drivers towards shaping the transportation paradigm of the times yet to come. Issues such as congestion, demand management, environmental protection, transportation costs and energy usage are expected to be treated in a whole new context, largely based on information and communication technologies and the concepts of sustainable mobility and transportation. Transportation professionals and the academic community will be pioneers in forming this rising new area in transportation.

The Hellenic Institute of Transportation Engineers (HITE) is the national body representing transportation engineers in Greece and the co-organizer of the ICTR series for over 15 years. HITE members are elite professionals and worldwide renowned academics, who will inevitably lead transportation developments in Greece in the forthcoming years.

The ICTR series conference has traditionally been the leading showcase of transportation related, research and development activities in the country. The 8th ICTR has gone one step further, by evolving into a host for international participants willing to interact with the local research and professional transportation community and present their work to an audience of top-notch transportation experts. HITE expects that the conference will offer important insights and recommendations, and describe a vision for future transportation systems, services and infrastructures, in Greece and the world.

With these thoughts, as the President of the Hellenic Institute of Transportation Engineers, I would like to welcome you to Thessaloniki and wish you a successful and fruitful participation to the ICTR 2017.

Konstantinos Kepaptsoglou
President, Hellenic Institute of Transportation Engineers
I cordially welcome the 8th International Congress on Transportation Research in Thessaloniki. Its main target is to support and accelerate a sustainable urban model, that will meet and respect the citizens’ needs, as well as to follow an environmental friendly approach.

Distinguished scientists’ research activity in the field of Transport and Mobility clearly defines the framework for new ideas towards the improvement of methods and practices for the successful exploitation of the transport network at national and international level.

The main objective of the Congress, that constitutes the core of its activities, is the training and the transformation of citizens’ mentality pertaining to the public transport network and the upgrading of its services, as well as to other daily issues.

The modernized human-centered urban mobility model remains a fundamental priority for the Municipality of Thessaloniki, as it is expected to radically improve the traffic conditions and to boost local market’s operation.

With full faith in the fruitful exchange of ideas and the certainty of the Congress advantageous activities, out of which beneficial outcomes will definitely stem from, I wish good luck to the Organizers, an enjoyable Congress to the participants, and, last but not least, a pleasant stay to the visitors of our city.

Yannis Boutaris
Mayor of Thessaloniki
The ICTR Congress has been a major event in the field of transportation research for the past 15 years. Potential ICTR participants include the research and academic community, as well as the public and private sector involved in the development and implementation of innovative projects in the field of transport.

This year, the “8th International Congress on Transportation Research” (ICTR 2017), is co-organised by the Hellenic Institute of Transportation Engineers (HITE) and the Hellenic Institute of Transport (HIT/CERTH) under the spotlight theme: “The Future of Transportation: A Vision for 2030”.

ICTR 2017 will host innovative research and development work in the field of transportation systems, operations and infrastructures, in Greece and abroad.

The Congress objective is to showcase recent top-notch research activities in transportation, merge research findings and policy making tasks, facilitate the exchange of knowledge in the local and international level and draw conclusions and shape recommendations on the future of transportation.

With 14 Scientific Sessions, 2 Plenary Sessions, 5 Keynote Speeches from profound experts in the area of Transportation Research, the Young Researchers’ Award Ceremony, as well as an impressive Social Agenda, we hope to offer you a busy yet exciting programme.

Welcome to ICTR 2017!
### Sessions Overview

**Day 1: Wednesday 27/09/2017 – “Non Road Transport”**

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<td>14:00-15:30</td>
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<tr>
<td>I.B: Air Transport and Logistics</td>
<td>14:00-15:30</td>
<td>Parallel Sessions (Aiolos)</td>
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<tr>
<td>II.A: Transport Economics</td>
<td>16:00-17:30</td>
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<tr>
<td>II.B: Rail Transport</td>
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<td>Parallel Sessions (Aiolos)</td>
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**19:00 Welcome Reception**

**Day 2: Thursday 28/09/2017 – “Clean and Efficient Transport”**

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<tr>
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<tr>
<td>III: Plenary – Opening Ceremony</td>
<td>09:00-10:30</td>
<td>Welcome speeches from Organisers, Authorities and Sponsors</td>
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<td></td>
<td>10:30-11:00</td>
<td>Opening keynote speech by George A. Giannopoulos, Prof. Emeritus AUTh, “The state of research and innovation in Greece (2010-2017) and the unfolding Transport innovation revolution”</td>
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<td></td>
<td>11:00-11:30</td>
<td>Honorary Award to Dimitrios Theologitis, European Commission, and Keynote speech “…and what, after all, has Europe ever done for transport?”</td>
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<td></td>
<td>11:30-12:00</td>
<td>Keynote Speech by Evangelos Bekiaris, CERTH/HIT Director, “Future trends and calls of EU funded research”</td>
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<tr>
<td>IV.A: Clean Transport &amp; the Environment</td>
<td>12:30-14:30</td>
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<tr>
<td>IV.B: Traffic Management Operations</td>
<td>12:30-14:30</td>
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<tr>
<td>Keynote:</td>
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<td>Prof. M. Papageorgiou, Director of Dynamic Systems &amp; Simulation Laboratory Technical University of Crete “Traffic management in the era of vehicle automation and communication systems”</td>
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<tr>
<td>V.A: Urban Mobility &amp; MaaS</td>
<td>15:30-17:30</td>
<td>Main Room (Amphitheatre)</td>
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<td>Session</td>
<td>V.B: Education, Training &amp; Social Media</td>
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18:00 & 19:00 Guided Visit to the Museum of Byzantine Culture
20:00 Official Congress Dinner

Day 3: Friday 29/09/2017 – “Safe and Secure Transport”

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<th>Session</th>
<th>VI.A: Automation in Road Transport</th>
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<tr>
<td>Keynote:</td>
<td>Dr. Gereon Meyer, Head of Strategic Projects, VDI/VDE “The interplay of automated driving, electric mobility and sharing economy”</td>
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<tr>
<th>Session</th>
<th>VI.B: Young Researchers Presentations (ALL TOGETHER)</th>
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<th>Session</th>
<th>VII.A: Road Safety</th>
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<th>Session</th>
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<th>Session</th>
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<th>Session</th>
<th>IX: Plenary – Closing Ceremony</th>
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<td>Room:</td>
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<tr>
<td>LTA:</td>
<td>Life Time Achievement Award to Dr. Björn Peters, VTI</td>
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### Day 1: Wednesday 27/09/2017 – “Non Road Transport”

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<td>88 Optimizing the operation of the 100% electric E-Ferry through the use of on board charging information&lt;br&gt;<em>Hanna Huppunen, Trine Heinemann, Georgia Aifadopoulou and Anna Kortsari</em></td>
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<td>193 Unveiling Configurations of Shipping Clusters: Recording the Structure of the Thessaloniki Port Cluster&lt;br&gt;<em>George Vaggelas and Paraskevi Kladaki</em></td>
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<td>10 Time Series Models for Evaluating the Impact of Economic Crisis on Maritime Passenger Traffic in Greece&lt;br&gt;<em>Eirini Aivazidou and Ioannis Politis</em></td>
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<td>95 Occupational Safety in Norwegian Maritime Transport: a Study of Respondents from Cargo and Passenger Vessels&lt;br&gt;<em>Tor-Olav Nævestad, Kristine Størkersen, Alexandra Laiou and George Yannis</em></td>
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<td>198 Port Training in Europe and the Next Generation of Port Workers&lt;br&gt;<em>Maria Boile and Sotirios Theofanis</em></td>
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<td><strong>Session I.B: Air Transport and Logistics</strong>&lt;br&gt;Room: Parallel Sessions (Aiolos)&lt;br&gt;Session Chairman: D. Dimitriou&lt;br&gt;Rapporteur: M. Morfoulaki</td>
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<td>199 Passenger Demand and Patterns of Tourists’ Mobility in the Aegean Archipelago with Combined Use of Big Datasets from Mobile Phones and Statistical Data from Ports and Airports&lt;br&gt;<em>Fani Hatzioannidu and Amalia Polydoropoulou</em></td>
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<td>136 Assessing Air Connectivity Socio-Economic Footprint&lt;br&gt;<em>Dimitrios Dimitriou and Maria Sartzetaki</em></td>
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<td>74 Techno-economic analysis and demand forecast for seaplanes’ tourism services&lt;br&gt;<em>Minas Pagonakis and Athanasios Ballis</em></td>
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<td>176 Market introduction of cooperative freight transport services&lt;br&gt;<em>Iraklis Stamos, Josep-Maria Salanova Grau and Zeljko Jefic</em></td>
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<td>135 Multiparameter Artificial Neural Network Models for the Forecast of Air Transport Demand&lt;br&gt;<em>Vassilios Profillidis, George Botzoris and Styllanos Taxidis</em></td>
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<td>196 ITS Observatory: an ITS on-line repository&lt;br&gt;<em>Charis Chalkiadakis, Panagiotis Iordanopoulos, Evangelos Mitsakis and Georgia Aifadopoulou</em></td>
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| 15:30-16:00: Coffee Break |

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<td>Session Chairman: B. Halkias</td>
<td>Session Chairman: Ch. Pyrgidis</td>
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<td>Rapporteur: E. Sambracos</td>
<td>Rapporteur: G. Myrovali</td>
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- **65** Factors Affecting the Cost Performance of Transport Infrastructure Projects  
  Eleni Moschouli, Murwantara Raden, Thierry Vanelslander and Koen Verhoest

- **61** Analyzing market-based environmental measures with econometric supply-and-demand models  
  Ioanna Pagoni and Paraskevi Psaraki-Kalouptsidi

- **124** Price of anarchy and selfish routing: From theory to application  
  Emmanouil Kampitakis, Eleni Vlahogianni, Ioannis Giotis and Ioannis Mourtos

- **110** Development of a Model of Societal Cost of Travel for Urban Roads from Limited Data  
  Konstantina Marousi and Yorgos Stephanedes

- **78** Autonomous Vehicles & Connected Vehicles: challenges for motorway operation companies  
  Bill Halkias

- **172** A Critical Discussion on the EU Policy Reforms of Local Public Transport Services  
  Anastasia Roukouni and Annalisa Negrelli

- **66** Comparison of energy consumption and pollutant emissions models for road and rail freight transport  
  Tatiana Moschovou, Athanasios Ballis and Romanos Siatitsas

- **188** An investigation of dwell time patterns in urban public transport systems: The case of the Nantes tramway  
  Zoi Christoforou, Ektoras Chandakas and Ioannis Kaparias

- **161** The operation of railway systems under special weather conditions  
  Alexandros Dolianitis, Christos Pyrgidis and Panagiotis Spardalas

- **159** Design, construction and cost evaluation of a tramway superstructure  
  Andreas Zantopoulos, Christos Pyrgidis and Dimitrios Sapounas
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<td>Welcome Speeches by Congress Sponsors</td>
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<td>Opening keynote speech</td>
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**Day 2: Thursday 28/09/2017 – “Clean and Efficient Transport”**

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**12:00-12:30: Coffee Break**
Session IV.A: Clean Transport & the Environment
Room: Main Room (Amphitheatre)
Session Chairman: Z. Samaras
Rapporteur: M. Gkemou

Design and Analysis of Low Cost Aerodynamic Aids for Heavy Duty Trucks Using Composite Materials for Fuel Saving Purposes and CO2 Reduction
Antonios Biratsis, Stavros Tsantzalis, Dimitrios Mazarakos, and Vassilis Kostopoulos

Development and Validation of a Heavy Truck Fuel Consumption Model
Christos Ballis, Konstantinos Kepaptsoglou and Athanasios Ballis

Study of a mobile app interface supporting behavior change in electric vehicles use
Serena Fruttaldo, Roberto Montanari, Tracy Ross and Andrew Morris

Drive trains, fuels and technologies for Heavy Duty Vehicles in 2030 and beyond
Andreas Lischke

Optimizing Manufacturing and Remanufacturing Total Profit in an Electric Vehicle Battery Closed-loop Supply Chain
Xiaoyu Gu, Petros Ieromonachou and Li Zhou

Potential Demand of Alternative Fuel Technologies in Private Cars and Commercial fleets: The case of Natural Gas
Anna Karamigkou and Seraphim Kapros

Exploring electric vehicles potential adoption in the taxi fleet of Thessaloniki, Greece
Katerina Chrysostomou, Antony Stathopoulos, Maria Morfoulaki and Georgia Aifadopoulou

Environmental Policy on Roads in Greece, the Case of the Egnatia Highway
Lazaros Georgiadis and Niki Voumvoulaki

Research methodology on the development of a strategy on e-mobility in Greek cities. The case of Athens
Efthimios Bakogiannis, Maria Siti, Georgia Christodouloupolou and Charalampos Kyriakidis

Session IV.B: Traffic Management Operations
Room: Parallel Sessions (Aiolos)
Session Chairman: G. Mintsis
Rapporteur: I. Spyropoulou

Keynote: Traffic management in the era of vehicle automation and communication systems
Prof. M. Papageorgiou, Director of Dynamic Systems & Simulation Laboratory Technical University of Crete

Integrated Motorway Traffic Flow Control
Ioannis Papamichail, Georgia-Roumpini Iordanidou, Claudio Roncoli and Markos Papageorgiou

Simulation investigations of the coordinated traffic-responsive signal control strategy TUC with actuation at the local junction level
Diamantis Manolis, Christina Diakaki, Ioannis Papamichail and Markos Papageorgiou

Study of the relationship between main parameters of traffic flow with the use of a traffic microscopic simulation model
Achilleas Petrou, Evangelos Mintsis, George Mintsis, Socrates Basbas and Christos Taxiltaris

Rapid Algorithm for Finding the Best Combination of Signaling Phases using Optimization Methods
Eleni Papatzikou and Antony Stathopoulos

Flexible car-following models for mixed traffic conditions
Vasileia Papathanasopoulou and Constantinos Antoniou

A Model for Optimizing On-Street Parking in an Urban Network
Chrysanthi Gkiini, Christina Iliopoulou and Konstantinos Kepaptsoglou

Data collection and traffic modelling of indoor parking facilities under constraints
Constantinos Antoniou, Vasilis Gikas, Vasileia Papathanasopoulou, Thanassis Mpimis, Harris Perakis and Constantine Kyriazis

Integrated Risk Management for Traffic Control Improvement
Eleni Papatzikou, Antony Stathopoulos and Panos Papadakos

12:30-14:30

14:30-15:30: Lunch Break
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### Session V.A: Urban Mobility & MaaS

- **SOCIALCAR Investment Community and Funding Sources**
  - Maria Tsami, Athena Dimou, Maria Panou and Evangelos Bekiaris

- **The introduction of Mobility as a Service (MaaS) concept in urban transport planning: The case of Thessaloniki**
  - Konstadinos Chondrospyros, Magda Pitsiava-Latinopoulou, Socrates Basbas and Ioannis Politis

- **Evaluating users’ perception on Demand Responsive Transport (DRT): The case of Thermi, Greece**
  - Anestis Papanikolaou, Socrates Basbas, Michail Belimpasakis, Ioannis Provatenos, Charitos Chimperas – Kouveris

- **A New Functional Classification System to Aid Multi-modal Accommodation**
  - Nikiforos Stamatiadis and Adam Kirk

- **Mining of Thessalonikis’ Bike-Sharing Big Data sets**
  - Rafael Katkadikas and Ioannis Politis

- **Operational Urban Planning Tool for Enhancing Accessibility to Public Transport Stations**
  - Klio Monokrousou, Maria Giannopoulou and Basil Stephanis

- **Mobility as a Service (MaaS) in a multimodal European cross-border corridor**
  - Maria Gkemou, Roberto Palacin, Evangelos Bekiaris, Dionisis Kehagias, Dimitrios Tzovaras, Vassilis Mazaras and Yannis Larios

- **Development of flexible transport service in the mountain settlements of Thassos island, Greece**
  - Christos Limnios, Apostolos Papagiannakis, Evangelos Genitsaris and Aristotelis Naniopoulos

### Session V.B: Education, Training & Social Media

- **Can Incentives Motivate Users Towards the Use of Environmental Friendly Modes?**
  - Amalia Polydoropoulou, Ioanna Pagoni, Athina Tsirimpa and Ioannis Tsouros

- **Social media in the service of sustainable urban mobility indicators**
  - Anastasia Nikolaidou, Alexandros Sdoukopoulos, Panagiotis Papaioannou and Magda Pitsiava-Latinopoulou

- **Crowdsourcing innovative ideas by Public Transport users and non-users of the city of Thessaloniki**
  - Evangelos Genitsaris, Afrodit Stamelou, Dimitrios Nalmpantis, Ilias Trochidis and Aristotelis Naniopoulos

- **The efficiency of traffic education programs concerning traffic accident prevention for underage pedestrians**
  - Anastasios Fylaktakis, Socrates Basbas, Georgios Mintsis, Christos Taxitaris and Antonia Tsoukala

- **Development of educational material for the implementation of human factors principles in safe road design**
  - Sophia Vardaki and Evangelos Bekiaris

- **Evaluations of innovative modules for driving simulators**
  - Maria Panou, Katerina Touliou and Evangelos Bekiaris

- **Behavioral Change Monitoring; Experiment with Electric Bicycles - The case of the island of Chios**
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**Keynote:** The interplay of automated driving, electric mobility and sharing economy  
*Dr. Gereon Meyer, Head of Strategic Projects, VDI/VDE*

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**2** Methodological framework for the estimation of risks in the transport of dangerous goods  
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Session Chairman: E. Bekiaris
Rapporteur: G. Yannis

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16:30-16:40
“Closing Remarks of the 8th ICTR”, by Evangelos Bekiaris, Chairman of the Organising Committee, Director, Hellenic Institute of Transport - CERTH/HIT

16:40-17:00
Life Time Achievement Award to Björn Peters, Swedish National Road and Transport Research Institute – VTI and Keynote Speech on “Mobility, Safety and Independence”

17:00-17:30 Young Researchers’ Scientific Award Ceremony

17:30-17:40
Best Congress Poster Award Ceremony

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3 A spatio-temporal correlation between digital and physical world, case study in Thessaloniki
Ioannis Toumpalidis, Nicolaos Karanikolas, Josep Maria Salanova Grau, Emmanouil Chaniotakis, Panagiotis Tzenos and Georgia Aifadopoulou

6 The role of societal resistance in transportation innovation
Eleni Chalkia, Beate Mueller and Alain L’Hostis

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Welcome to the 8th ICTR Congress Social Agenda. Our organizers have ensured arranging delightful and captivating activities for all of you, aimed at creating a wholesome experience in both participating in the Congress and enjoying the beautiful city of Thessaloniki.

The full Social Agenda experience is included in your registration fee!

Welcome Reception – 27 September
In the 27th of September, at 19:00, a Welcome Reception will be held at the City Hall of Thessaloniki. Participants will have the opportunity to see the notable architecture perspective of this building as it has been designed as a building complex with an internal walkway. Moreover, they will get acquainted to each other and exchange views and ideas on the future of transportation, while enjoying a relaxing evening in the heart of the city centre with a glass of wine!

Guided Visit to the Museum of Byzantine Culture – 28 September
During the second day of the Congress (28th of September, 18:00-20:00), a visit to the Museum of Byzantine Culture has been scheduled in two guided tours (18:00-19:00 and 19:00-20:00), to enrich ICTR participants’ scientific experience with the cultural colours of the host city. The museum itself is considered to be one of the best pieces of public architecture created in the last decades in Greece. It possesses more than 46 000 artefacts and offers 11 galleries of the permanent exhibition together with temporary exhibitions that bring together history, cultural heritage and art. The carefully selected 3190 displayed pieces of art allow the visitors to travel back to the world of Byzantium through thematic sections of the daily private and public life. Shuttles from CERTH Congress Centre to the Museum will be arranged by the Organising Committee at 17:00 (first shuttle departs at 17:00; sec-
ond shuttle departs after the end of the Congress second day activities and no later than 18:00).

Please book your shuttle place at the Registration Desk!

**Gala Dinner at Restaurant “B” – 28 September**

Immediately after the museum visit (at 20:00), in the well-known and sophisticated high standard bar-restaurant “B”, adjacent to the Museum of Byzantine Culture, conference participants will have the opportunity to taste the cuisine “pieces of art”! The restaurant offers Mediterranean flavours combined with elements of fine French and Italian cuisine, providing menus unique to each season of the year.
Committees

Scientific Committee
Chairman
Yannis George

Members
Aifadopoulou Georgia
Anagnostopoulou Afrodit
Antoniou Konstantinos
Bekiaris Evangelos
Boile Maria
Botzoris George
Christofa Eleni
Christoforou Zoi
Dimitriou Dimitrios
Dimitriou Loukas
Gaitanidou Evangelia
Geroliminis Nikolaos
Gkemou Maria
Gkrintza Konstantina
Kaparias Ioannis
Kapros Serafeim
Kepaptsoglou Konstantinos
Kondili Aleksandra
Kopelias Pantelis
Mitsakis Evangelos
Morfoulaki Maria
Mparlis Athanasios
Mpasmpas Sokratis
Panou Maria
Paravantis Ioannis
Plati Xristina
Politis Ioannis
Polydoropoulou Amalia
Samanova Jose
Sambracos Evangelos
Spiropoulou Ioanna
Tyrinopoulos Yannis
Vlaxogianni Eleni

Organizing committee
Chairman
Bekiaris Evangelos

Members
Dimokas Nikolaos
Kalogirou Konstantinos
Kouretas Konstantinos
Margaritis Dimitrios
Milioti Christina
Mintsis Evangelos
Moschovou Tatiana
Nikolaou Stella
Papantoniou Panagiotis
Tzenos Panagiotis
Tsioutras Athanasios
Tyrinopoulos Yannis
Thessaloniki, the second largest city in Greece is a vibrant modern metropolis that hosts the largest academic and research community in the country.

In addition to its rich historical and cultural heritage, Thessaloniki is a major economic, industrial, commercial centre. Moreover, it is the key transportation hub for south-eastern Europe.

The city is renowned for its vibrant cultural life with the colorful events and festivals that make Thessaloniki a must-see destination.
was founded in 1998
is the largest industrial and commercial Group in Greece and one of the leading energy players in SE Europe
with activities spanning across the energy value chain and presence in 6 countries
Refining & Trading of petroleum products, in Greece and abroad.
Fuels Marketing, in Greece and abroad
Production & Trading of Petrochemicals/Chemicals
Oil & Gas Exploration & Production
Renewable Energy Sources
Power Generation & Trading
3 refineries in Greece and the OKTA industrial installations in Skopje (FYROM)
1,700 fuel stations throughout Greece, 295 fuel stations in S.E. Europe
with more than 3,300 employees
Having embedded Sustainable Development in its strategy, the Group implements a notable number of CSR activities, focusing on society and the environment.
Hellenic Association of Toll Road Network

HELLASTRON

We deserve quality road networks for a better life

Modern road networks that have been constructed and are in operation in our country have changed the map and the quality of our trips. In parallel, the National Road Network is undergoing extension and improvement. To ensure paramount operation and quality of provided services, motorways and tolled infrastructure that operate in Greece have created the Hellenic Association of Toll Road Network – HELLASTRON. Strictly non-profit, the new association has commenced serving its technocratic and consulting role, so as to promote quality of road transportation to the benefit of every one of us.
Smart Drive is aiming at the promotion of a “smart way of driving”, towards road safety, environmentally friendly driving (eco-driving) of passenger cars, buses and trucks, as well as heavy work site machinery operational and handling excellence.

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