



Athens Institute for Education and Research

Annual International Conference on Transportation, 8-11 June 2015, Athens, Greece

Organized by ATINER's Engineering & Architecture Research Division(EARD)

Conference Venue: [Titania Hotel](#), 52 Panepistimiou Street, 106 78 Athens, Greece

Monday 8 June 2015

(all sessions include 10 minutes break)

08:30-09:00 Registration and Refreshments

09:00-09:30 (ROOM A-10TH FLOOR) Welcome & Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER & Honorary Professor, University of Stirling, UK.
- Dr. Nicholas Patricios, Director, Engineering & Architecture Research Division, ATINER, Professor & Dean Emeritus, School of Architecture, University of Miami, USA.
- Dr. Virginia Sisiopiku, Academic Member, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.

09:30-11:00 Session I (ROOM B-10TH FLOOR): Traffic Safety

Chair: Virginia Sisiopiku, Academic Member, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.

1. Essam Radwan, CATSS Director, University of Central Florida, USA & Hatem Abou-Senna, University of Central Florida, USA. Modelling of Pedestrian Crash Rates and Prediction Functions.
2. *Todd Litman, Executive Director, Victoria Transport Policy Institute, Canada. A New Traffic Safety Agenda: Incorporating Transportation Demand Management Safety Strategies.
3. Rachel Shichrur, Ph.D. Student, Tel Aviv University, Israel & *Navah Z. Ratzon, Professor, Tel Aviv University, Israel. Convergent Validity of In-Vehicle Data Recorder (IVDR).

11:00-12:30 Session II (ROOM B-10TH FLOOR): Railway Support Systems

Chair: Essam Radwan, CATSS Director, University of Central Florida, USA

1. Alexandru Bitoleanu, Professor, University of Craiova, Romania, Mihaela Popescu, Professor, University of Craiova, Romania & Mircea Dobriceanu, Professor, University of Craiova, Romania. Possibilities of Using the Traction Transformer in Active DC Traction Substation.
2. Mihaela Popescu, Professor, University of Craiova, Romania, Alexandra Preda, Assistant, University of Craiova, Romania & Vlad Suru, Lecturer, University of Craiova, Romania. Synchronous Reference Frame Method Applied in the Indirect Current Control for Active DC Traction Substation.
3. Constantin Vlad Suru, Lecturer, University of Craiova, Romania, Alexandru Bitoleanu, Professor, University of Craiova, Romania & Mihaita Linca, Lecturer, University of Craiova, Romania. Indirect Current Control of a Filtering and Regeneration System used in DC Substations for Urban Traction.
4. Mihaita Linca, Lecturer, University of Craiova, Romania, Cristina Alexandra Preda, Assistant, University of Craiova, Romania & Mihaela Popescu, Professor, University of Craiova, Romania. Conservative Power Theory (CPT) Method Applied in the Indirect Current Control for Active D.C. Traction Substations.

12:30-14:00 Session III (ROOM B-10TH FLOOR): Transportation Operations and Management

Chair: *Todd Litman, Executive Director, Victoria Transport Policy Institute, Canada

1. *Jun-ichiro Giorgos Tsutsumi, Professor, University of the Ryukyus, Japan, Ryo Nakamatsu, Assistant Professor, University of the Ryukyus, Japan, Mayumi Touyama, Researcher, Urban Science Associates, Japan, Mohammad Asaduzzaman, Graduate student, University of the Ryukyus, Japan, Masaru Matsuda, Graduate student, University of the Ryukyus, Japan & Adrianus Bannepadang, Graduate student, University of the Ryukyus, Japan. From Present Car Dependency to Future Public Transportation in an Island Region, Okinawa.
2. Ivan Beloev, Ph.D. Student, University of Ruse, Bulgaria & Velizara Pencheva, Professor, University of Ruse, Bulgaria. Current Issues for the Development of Transport Infrastructure of the Republic Bulgaria.
3. *Marek Bauer, Assistant Professor, Cracow University of Technology, Poland. The Curb-Parking Influence on the Efficiency of Designated Bus Lane.

14:00-15:00 Lunch

15:00-16:00 Session IV (ROOM B-10TH FLOOR): Infrastructure

Chair: *Marek Bauer, Assistant Professor, Cracow University of Technology, Poland

1. Slawomir Karas, Head of Road and Bridge Chair at Civil Engineering and Architecture Faculty, Lublin University of Technology, Poland & Maciej Kowal, Bridge Researcher in Road and Bridge Chair, Lublin University of Technology, Poland. Bridge as an Environmental Check-Point.
2. Janusz Gajda, Professor, AGH - University of Science and Technology, Poland & Justyna Michniak, Ph.D. Student, AGH - University of Science and Technology, Poland. Administrative Weigh-In-Motion Systems in Poland.

16:00-17:00 Session V (ROOM B-10TH FLOOR): Cross Cutting Efficiency

Chair: Slawomir Karas, Head of Road and Bridge Chair at Civil Engineering and Architecture Faculty, Lublin University of Technology, Poland.

1. *Bojan Hlaca, Professor, Polytechnic of Rijeka, Croatia & Dusan Rudic, Polytechnic of Rijeka, Croatia. Global Transport System Efficiency.
2. Cristina Gonzalez Rechea, Researcher, Universidad Politecnica de Madrid, Spain, Rosa Maria Arnaldo Valdes, Professor, Universidad Politecnica de Madrid, Spain & Victor Fernando Gomez Comendador, Professor, Universidad Politecnica de Madrid, Spain. Designing and developing new VET Curricula to Address Skills Gaps in the Aeronautics Industry.

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 9 June 2015

08:00-09:30 Session VI (ROOM B-10TH FLOOR): Planning and Modelling

Chair: *Bojan Hlaca, Professor, Polytechnic of Rijeka, Croatia.

1. *Vladimir Mazalov, Professor, Saint-Petersburg State University, Russia & Anna Melnik, Saint-Petersburg State University, Russia. Wardrop Equilibrium for a Network with the BPR Latency Function.
2. Ivona Bajor, Senior Assistant, University of Zagreb, Croatia, Goran Kolaric, Ministry of Science, Education and Sports, Croatia & Dario Babic, Ph.D. Student, University of Zagreb, Croatia. Greening the Supply Chain by Reverse Logistics Process Modelling.
3. Angel Marrero, Ph.D. Student, Universidad de La Laguna, Spain, Rosa Marina Gonzalez, Universidad de La Laguna, Spain & Elisabetta Cherchi, University of Denmark, Denmark. Measuring the Inertia Effect on Mode Choice: A Panel Data around a New Tram Implementation.
4. Sonia Arora, Urban Transport Expert, Institute of Urban Transport, India. Improving Urban Mobility in Small and Medium Towns in India.

09:30-11:00 Session VII (ROOM B-10TH FLOOR): Urban Transportation*

Chair: *Remah Gharib, Assistant Professor, Hamad Bin Khalifa University, Qatar.

1. Charlie Qiuli Xue, Associate Professor, City University of Hong Kong, Hong Kong. Rail Village and Mega-Structure - A Case Study of Hong Kong.
2. *Deborah Middleton, Assistant Professor, Prince Mohammad Bin Fahd University, Saudi Arabia. The Pedestrian Esplanade: An Inquiry into the Generative Urban Design Process of C. A. Doxiadis.
3. *Nikiforos Stamatiadis, Professor, University of Kentucky, USA, Adam Hedges, Graduate Researcher, University of Kentucky, USA & Adam Kirk, Research Engineer, University of Kentucky, USA. Updated Guidelines for Left-Turn Phase Selection.

**Jointly organized with the 5th Annual International Conference on Urban Studies & Planning*

11:00-12:30 Session VIII (ROOM B-10TH FLOOR): Enabling Technologies

Chair: *Nikiforos Stamatiadis, Professor, University of Kentucky, USA.

1. Hongmian Gong, Professor, Hunter College of City University of New York, USA. Combining Web GIS, Smartphone, Social Media and Cloud Computing for Sustainable and Healthy Mobility.
2. *Qian Sun, Ph.D. Candidate, Curtin University, Australia, Jianhong (Cecilia) Xia, Curtin University, Australia, Jonathan Foster, Curtin University, Australia, Hoe Lee, Curtin University, Australia & Torbjorn Falkmer, Curtin University, Australia. Validating the Capability of GPS/GNSS Tracking Driving Behaviours in Various Scenarios.
3. Muhammad Awais Shafique, Ph.D. Candidate, The University of Tokyo, Japan & Eiji Hato, Professor, The University of Tokyo, Japan. Optimum Training Sample Size for Travel Mode Detection using Smartphone.

12:30-13:30 Lunch

13:30-15:00 Session IX (ROOM B-10TH FLOOR): Freight and Logistics

Chair: *Vladimir Mazalov, Professor, Saint-Petersburg State University, Russia.

1. Halim Yurdakul, Assistant Professor, Okan University, Turkey & Avni Zafer Acar, Head, Okan University, Turkey. Evaluating the Contribution of Transportation and Logistics Industry to Turkey's Competitive Power.
2. Dzhemal Topchu, Ph.D. Student, University of Ruse, Bulgaria, Velizara Pencheva, Professor, University of Ruse, Bulgaria, Asen Asenov, Associate Professor, University of Ruse, Bulgaria & Denitsa Miteva, Ph.D. Student, University of Ruse, Bulgaria. Contemporary State of Load Shipments in Small Batches in the Cities of Republic of Bulgaria.

16:30-19:00 Urban Walk (Details during registration)

20:30- 22:00 Dinner (Details during registration)

Wednesday 10 June 2015
Cruise: (Details during registration)

Thursday 11 June 2015
Delphi Visit: (Details during registration)