



**Athens Institute for Education and Research**  
**2<sup>nd</sup> Annual International Conference on Transportation, 6-9 June 2016, Athens, Greece**

Organized by the [Transportation Engineering Research Unit](#) of ATINER  
sponsored by the [Athens Journal of Technology & Engineering](#)  
[Scientific and Organizing Committee](#)



**Conference Venue:** [Titania Hotel](#), 52 Panepistimiou Street, 10678 Athens, Greece

**Monday 6 June 2016**

(all sessions include 10 minutes break)

**08:00-08:30 Registration and Refreshments**

**08:30-09:00 Welcome & Opening Address (ROOM C- Mezzanine Floor)**

- Gregory T. Papanikos, President, ATINER.
- George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

**09:00-10:30 Session I (ROOM B- Mezzanine Floor): Transportation Planning I**

**Chair:** Virginia Sisiopiku, Head, Transportation Engineering Research Unit, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.

1. \*Johanna Burbano Valente, Director of Psychology Department, Associate Professor, Pontificia Universidad Javeriana, Colombia. The Public Transport in Bogota: A Reading from the Subjectivity.
2. Roman Klementschtz, Senior Scientist, University of Natural Resources and Life Sciences (BOKU), Austria & Juliane Stark, Senior Scientist, University of Natural Resources and Life Sciences (BOKU), Austria. A Sustainable Development Analysis for a Market Penetration Scenario of Electric Vehicles with Range Extenders in the Stuttgart Metropolitan Area.
3. Omar Alotaibi, Ph.D. Candidate, Cardiff University, U.K. Potential Impacts of Introducing Public Transport and Travel Strategies in Riyadh City, Saudi Arabia.
4. Jeffrey Taub, Associate Professor, Maine Maritime Academy, USA. Why is America's Marine Highway Program Failing to Thrive?

**10:30-12:00 Session II (ROOM B- Mezzanine Floor): Operation and Safety**

**Chair:** \*Johanna Burbano Valente, Director of Psychology Department, Associate Professor, Pontificia Universidad Javeriana, Colombia.

1. Essam Radwan, CATSS Director, University of Central Florida, USA & Mohamed Alfawzan, Graduate Student, University of Central Florida, USA. Impact of Lengthening Change and Clearance Intervals at Signalized Intersections on Systems Performance.
2. \*Dietmar P. F. Moeller, Professor, Clausthal University of Technology, Germany, Isabell Alexandra Jehle, Master Student, Clausthal University of Technology, Germany, Valentina Fermanelli, Former Master Student, Universita degli Studi di Camerino, Italy & Gulia de Santis, Former Master Student, Universita degli Studi di Camerino, Italy. International Student Team Project in Modeling and Simulating Airport Transportation Operation.
3. Maciej Kowal, Assistant at Road and Bridge Chair, Lublin University of Technology, Poland & Slawomir Karas, Head of Road and Bridge Chair, Lublin University of Technology, Poland. Protection against the Animals Intrusion on Expressways in Poland.

**12:00-13:30 Session III (ROOM B- Mezzanine Floor): Urban Processes**

**Chair:** \*Marjan Mahdavi, Ph.D. Student, Politecnico di Milano, Italy.

1. Wenshu Li, Ph.D. Candidate, Wuhan University, China and Eindhoven University of Technology, The Netherlands, Harry Timmermans, Professor, Eindhoven University of Technology, The Netherlands & Ming Zhang, Associate Professor, University of Texas at Austin, USA. Crowdsourcing Public Participation in Urban Planning and Management for Small Towns.

**13:30-14:30 Lunch**

**14:30-16:00 Session IV (ROOM B- Mezzanine Floor): Transit, Infrastructure and Other Issues**

**Chair:** Youjun Tao, Professor, China University of Mining and Technology, China.

1. \*Slawomir Karas, Head of Road and Bridge Chair, Lublin University of Technology, Poland & Maciej Kowal, Researcher, Road and Bridge Chair, Lublin University of Technology, Poland. Mycenaean Bridges - In Situ Inventory and Static Analysis.
2. Yali Kuang, Professor, China University of Mining and Technology, China, Guangyuan Xie, Professor, China University of Mining and Technology, China & Youjun Tao, Professor, China University of Mining and Technology, China. Synergism of the Curriculum - MPPD and the Graduation Design to Train the Ability Analyzing and Solving Complex Engineering Problems.
3. \*Alexander Kolpakov, Research Associate, Center for Urban Transportation Research, University of South Florida, USA. Idle Reduction Practices of the U.S. Transit Fleet.
4. \*Marjan Mahdavi, Ph.D. Student, Politecnico di Milano, Italy, Sara Perotti, Assistant Professor, Politecnico di Milano, Italy & Angela Tumino, Assistant Professor, Politecnico di Milano, Italy. Antecedents of ITS Adoption in Intermodal Freight Transport Industry.

**16:00-17:30 Session V (ROOM B- Mezzanine Floor): Culture, the City and Education**

**Chair:** \*Slawomir Karas, Head of Road and Bridge Chair, Lublin University of Technology, Poland.

1. Francesca Guerrucci, Architect, University G.D'Annunzio, Italy. Water as Vehicle of Cultural Spread for Mediterranean Identity.
2. Ana Esteves, Researcher, CEG-IGOT, University of Lisbon, Portugal, Leandro Gabriel, Ph.D. Student, CEG-IGOT, University of Lisbon, Portugal & Isabel André, Professor and Researcher, CEG-IGOT, University of Lisbon, Portugal. Sounds of Protest: Music in Deprived Places.
3. Ana Medina, Ph.D. Student, Universidad Politécnica de Madrid - Goldsmiths University of London, U.K. Post-Revolution Urban Landscape. Transformation of Public Spaces after 2011 Revolutions.

**17:30-19:00 Session VI (ROOM B- Mezzanine Floor): History, Application and Management in Spatial Planning – Territorial Planning and Management**

**Chair:** Paul Claval, Emeritus Professor, University of Paris-IV (Paris-Sorbonne), France.

1. \*Sayed Sharaf, Researcher, Abu Dhabi Systems and Information Centre, UAE & Pere Serra, Lecturer, Universitat Autònoma de Barcelona, Spain. Charge Detection in Al-Ain Region.
2. \*Ana Peric, Post-doc Fellow, Swiss Federal Institute of Technology, Switzerland & Bernd Scholl, Professor, Swiss Federal Institute of Technology, Switzerland. Transnational Cooperation in Europe: The Example of Integrated Spatial and Transport Development along the Hamburg-Athens Corridor.
3. Paulo Irineu Barreto Fernandes, Professor, Federal Institute Triângulo Mineiro (Campus Uberlândia, MG), Brazil. Geophilosophy: Is There a Geographical Primacy of Thought?

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

## Tuesday 7 June 2016

### 08:00-09:30 Session VII (ROOM B- Mezzanine Floor): Urban Places, Transformation and Art

**Chair:** \*Ana Peric, Post-doc Fellow, Swiss Federal Institute of Technology, Switzerland.

1. Isabel Andre, Professor and Researcher, CEG-IGOT, University of Lisbon, Portugal, Leandro Gabriel, Ph.D. Student, CEG-IGOT, University of Lisbon, Portugal & Ana Estevens, Researcher, CEG-IGOT, University of Lisbon, Portugal. Shadows and Lights in the City. Crisis Effects in Arts and Culture.
2. Olga Skoczylas, Assistant, Lublin University of Technology, Poland. Transformation of City Space and Housing Estates Associated with Changes in Lifestyle of Inhabitants.
3. Leandro Gabriel, Ph.D. Student, CEG-IGOT, University of Lisbon, Portugal, Isabel André, Professor and Researcher, CEG-IGOT, University of Lisbon, Portugal & Ana Estevens, Researcher, CEG-IGOT, University of Lisbon, Portugal. Visual Arts that Change and Challenge the City: Stencils in Lisbon, Portugal.
4. Lenka Zajickova, Ph.D. Candidate, Palacký University Olomouc (UPOL), Czech Republic & Vit Vozenilek, Professor and Head of Department of Geoinformatics, Palacký University Olomouc (UPOL), Czech Republic. Development of Population Mobility in Czechia in the Context of Transformation Processes at the End of the 20<sup>th</sup> Century.

### 09:30-11:00 Session VIII (ROOM B- Mezzanine Floor): Freight and Logistics

**Chair:** Isabel Andre, Professor and Researcher, CEG-IGOT, University of Lisbon, Portugal

1. Nikiforos Stamatiadis, Professor, University of Kentucky, USA & Adam Kirk, Research Engineer, University of Kentucky, USA. Simulation-Based Conflict Analysis for Left-Turn Phasing Choices. (Tuesday 7 June, 2016)
2. Serdjo Kos, Tenure Professor and Dean, Faculty of Maritime Studies, University of Rijeka, Croatia, Sinisa Vilke, Assistant Professor, University of Rijeka, Croatia & David Brcic, Research Fellow, University of Rijeka, Croatia. Redirection of the World Traffic Flow Far East - Europe via the Adriatic Sea.
3. Neven Grubisic, Assistant Professor, University of Rijeka, Croatia & Livia Maglic, Senior Research Assistant, University of Rijeka, Croatia. Optimization Process for Berth and Quay-Crane Assignment in Container Terminals with Separate Piers.
4. Dani Sabalja, Assistant Professor, University of Rijeka, Croatia. A Contribution of Advance Global Vessel Traffic Management System.
5. Pinar Gurool, Research Assistant, Piri Reis University, Turkey & A. Zafer Acar, Associate Professor, Piri Reis University, Turkey. Evaluation and Clustering of Maritime Trader Countries Competitive Power in Logistics.

**11:00-14:00 Educational and Cultural Urban Walk Around Modern and Ancient Athens (Details during registration)**

**14:00-15:00 Lunch**

### 15:00-16:30 Session IX (ROOM B- Mezzanine Floor): Urban Places

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

1. Nese Yilmaz Bakir, Assistant Professor, Erciyes University, Turkey, Hikmet Eldek, Assistant Professor, Erciyes University, Turkey & Umut Doğan, Assistant Professor, Erciyes University, Turkey. Housing Provision Systems and the Impact on Urban Development, the Case of Kayseri, Turkey.
2. Gustavo Rondon, Ph.D. Student, Université Catholique de Louvain, Belgium. Waterscapes and Cities in the Amazonie of Peru.
3. Yuzyil Nevin Aydin, MSc Student, Istanbul Technical University, Turkey. Place Attachment among Ethnic Minorities in the case of Sisli District.
4. Johnie Nyametso, Lecturer, Central University College, Ghana. Desecration of Public Monuments and Places: The Causes and Solutions.

**16:30-18:30 Session X (ROOM B- Mezzanine Floor): Special Topics II**

**Chair:** Serdjo Kos, Tenure Professor and Dean, Faculty of Maritime Studies, University of Rijeka, Croatia.

1. Moshe Barak, Professor, Ben-Gurion University of the Negev, Israel. Teaching Engineering in K-12 Education: The Role of Cognitive Knowledge and Problem-Solving Taxonomies.
2. Melita Milenkovic, Assistant – Chair of Transport Law and Economics, University of Zagreb, Croatia & Goran Vojkovic, Assistant Professor, University of Zagreb, Croatia. The Supervisory Role of the Ministry of Finance in the Process of Awarding of Concessions in the Republic of Croatia.
3. Chen-Yi Wu, Ph.D. Candidate, National Taipei University, Taiwan, Chen-Jai Lee, Professor, National Taipei University, Taiwan & Bo-xiu Jian, Associate Professor, Shih Hsin University Department of Tourism, Taiwan. Creative Tourism and Big Variation of Community.
4. Seong-Woo Woo, Director and Principal Researcher, Korea Testing Co., South Korea. Reliability Design of Residential Sized Refrigerators Subjected to Repetitive Random Vibration Loads during Rail Transport.
5. \*Jesus J. Lara, Associate Professor, The Ohio State University, USA. The Urban Design Studio Pedagogic Approaches to Urban Sustainability: Problem-Based Solutions from the Classroom to the Community.

**21:00-22:30 Dinner (Details during registration)**

**Wednesday 8 June 2016**  
**Cruise: (Details during registration)**

**Thursday 9 June 2016**  
**Delphi Visit: (Details during registration)**