



ARTS ECR Conference 2015
Autonomic Road Transport Support systems
Early Career Researcher Conference

27th – 28th May 2015
Corinthia Palace Hotel & Spa, Malta

CONFERENCE PROGRAMME

DAY 1 – Wednesday 27th May	
09:30 – 09:40	ECR Conference Welcome <i>Dr. Fabio Galatioto, Newcastle University (UK)</i>
09:40 – 09:50	University of Malta welcome speech <i>Prof Maria Attard , University of Malta (Malta)</i>
09:50 – 10:10	Stephen Camilleri Senior Manager (EU Affairs), Integrated Strategy Directorate of Transport Malta
10:10 – 11:10	SESSION 1 – Moderator: Prof. Edouard Ivanjko, University of Zagreb ECR_01 Automatic Pedestrian Detection System – Support for Autonomic Cooperative Systems <i>Ilona Madalina Costea, Catalin Dumitrescu, Claudiu Virgil Banu, Florin Codrut Nemtanu</i> ECR_16 Autonomous Multi-Modal Journey Planners <i>Bia Mandzuka</i>
11:10 – 11:30	Coffee break
11:30 – 13:00	SESSION 2 – Moderator: Prof Grigoris Antoniou, University of Huddersfield ECR_05 Analysis of Urban Mobility Patterns Using Smart Cards: Implications for Develop Autonomic Public Transport Systems <i>Tânia Fontes, Costa Vera, Nunes António, Costa Pedro, Galvão Teresa</i> ECR_11 Mobility plans including implementation of the autonomic road transport support systems <i>Katarzyna Goch</i> ECR_17 Autonomic Decision Support System for carbon optimisation <i>Patrizia Franco, Fabio Galatioto</i> ECR_06 Towards the introduction of an autonomous transportation line in a multimodal transportation system <i>Dihya Atmani, Fabio Galatioto, Neila Bhourri, Patrizia Franco, Jean-Patrick Lebacque, Margareth Bell, Habib Haj Salem</i>
13:00 – 14:15	LUNCH

14:15 – 15:20	<p>SESSION 3 – Moderator: Nicolette Formosa, University of Malta</p> <p>ECR_03 Application of Q-learning to ramp metering in cases of significant changes in traffic demand Martin Gregurić, Daniela Koltovska-Nečoska, Edouard Ivanjko</p> <p>ECR_13 Towards ARTS with Multicriteria Dynamic Path Planning Under Uncertainty Haitam Laarabi, Muna Hamdi</p> <p>ECR_04 Autonomic Integrated Parking System for Smart Cities Valentin Iordache, Florin Codrut Nemtanu, Angel Ciprian Cormos</p>
15:20 – 15:50	Coffee break
15:50 – 16:50	<p>How to write a EU proposal: a proposer's and reviewer's perspective Prof Grigoris Antoniou, University of Huddersfield (UK)</p>
16:50 – 17:00	Closing remarks
18:30	Visit to la Valletta and Conference Dinner

DAY 2 – Thursday 28th May	
09:30 – 10:30	<p>SESSION 4 – Moderator: Prof Maria Attard, University of Malta</p> <p>ECR_07 Automatic Regulation of Intersections: General Approach and Research Directions Matthis Gaciarz, Samir Aknine, Bhourri Neila</p> <p>ECR_09 Possible Development of Autonomic Properties on Modern Roundabouts Tiziana Campisi, Tomaz Tollazzi, Giovanni Tesoriere</p>
10:30 – 11:10	<p>What to look for in building an H2020 proposal Rasmus Lindholm, Partnership Services & Communications Director - ERTICO</p>
11:10 – 11:40	Coffee break
11:40 – 13:00	<p>SESSION 5 – Moderator: Dr. Florin Nemtanu, Politehnica University of Bucharest</p> <p>ECR_08 A Multi-Objective Model-Predictive Control Approach dealing with Congestion and Emissions in Urban Networks Anahita Jamshidnejad, Bart De Schutter, Markos Papageorgiou, Ioannis Papamichail</p> <p>ECR_10 Environmental Aspect on Road Network: a Mesoscopic Approach to Define CO₂ and NO_x Concentration Tiziana Campisi, Bhourri Neila, Giovanni Tesoriere</p> <p>ECR_12 Autonomic Road Transport Systems: a User Perspective Mohammed Amin Mayat, Rupert Ward</p>
13:00 – 14:00	LUNCH
14:00 – 15:30	<p>SESSION 6 – Plenary discussion on the ARTS subject Prof. Daniel Borrajo, Universidad Carlos III de Madrid (Spain)</p>
15:30 – 16:00	Coffee break
16:00 – 16:30	<p>Closing remarks and best Conference paper/s award/s Prof Maria Attard, Dr. Fabio Galatioto</p>

Conference Chair: Dr. Fabio Galatioto, Newcastle University
Organisers: Dr. Fabio Galatioto; Nicolette Formosa, University of Malta
Scientific Committee: Dr. Fabio Galatioto; Prof. Maria Attard, Prof. Daniel Borrajo, Prof. Edouard Ivanjko, Dr. Florin Nemtanu, Nicolette Formosa