



EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY

COST TUD 1102 “Towards Autonomic Road Transport Support Systems” Final Conference Programme, Hotel Novotel Le Lac, Bordeaux

Tuesday 6th October – Emerging Scientific and Technical Developments

09:00	Opening and Welcome from the Organizing Committee	Neila Bhourri, IFSTTAR and Lee McCluskey, University of Huddersfield
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Session 1: AI Planning in Traffic Control		
09:15	Introduction to Session	Daniel Borrajo, UC3M
09:30	“Fusing MPC and AI Planning”	Apostolos Kotsialos, University of Durham
09:55	“Applying UPMurphi to Traffic Control problems”	Mauro Vallati, University of Huddersfield
10:20	“Autonomic Traffic Control with Automated Planning”	Matija Gulic, University of Zagreb, Ricardo Olivares, UC3M
10:45	Break	

Session 2: Autonomic Aspects of Personal Mobile Traffic Services		
11:00	Introduction to the Session	Florin Nemtanu, Politehnica University of Bucharest, and Mihai Niculescu, ITS Romania
11:15	“Online Routing Games and the Benefit of Online Data”	László Z. Varga, Eotvos Lorand University
11:40	“Personal Agents for Multi-Model Transport: TrafficSense”	Iisakki Kosonen, AALTO University
12:05	Lunch / Poster Session	Poster contributions from ARTS members (see Poster Schedule)

Session 3: Autonomic Control Applications in Traffic Management for Managing Emissions		
13:30	Introduction to Session	Margaret Bell, University of Newcastle-upon-Tyne
13:45	“Self-calibration and optimisation of air quality prediction and microsimulation models”	Fabio Galatioto, University of Newcastle-upon-Tyne, Mario Catalano, University of Palermo
14:10	“ARTS application from the perspective of the user and Local Authorities”	Nick Hodges, University of Newcastle-upon-Tyne
14:35	“Towards Automated Management - Trials in the OPTICITIES Project”	Stephen Hanley, Amey PLC
15:00	“An Adaptive Environmental Controller”	Peter Kirby, Imtech
15:25	Coffee	
15:30	Technology Demonstrations: Mauro Vallati, Matija Gulic, Fabio Galatioto, Sandro Chiappone	
17:00	Close	



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Wednesday 7th October – Outputs and Legacy

09:00	Opening and Introduction to the Day	Lee McCluskey, University of Huddersfield
09:15	ARTS Competition: Announcement of Competition Results	Competition Judges

The COST ARTS Roadmap

10:00	ARTS Roadmap: Introduction	Lee McCluskey, University of Huddersfield
10.10	Roadmap Section 1: Foundations	Jörg P. Müller, Technische Universitaet Clausthal and Franziska Klugl, Orebo University
10.20	Roadmap Section 2: Autonomic Systems: A transportation perspective	Ioannis Papamichail, Technical University of Crete, and Todor Stoilov, Bulgarian Academy of Sciences
10.30	Roadmap Section 3: External Factors, Environmental Benefits and Application Scope	Krasimira Stoilova, Bulgarian Academy of Sciences and Fabio Galatioto, University of Newcastle-upon-Tyne
10.40	Roadmap Section 4: Human Interaction and Human Factors	Mohammed Mayat, University of Huddersfield and Eric Van Berkum, TU Delft
10.50	Break	
11.15	ARTS Book Launch	Jörg P. Müller, Technische Universitaet Clausthal
11.45	ARTS Vocabulary	Florin Nemtanu, Politehnica University of Bucharest, and Mihai Niculescu, ITS Romania
12.10	Lunch / Poster Session	Poster contributions from ARTS members (see Poster Schedule)

Approaches to Business Case Models and Scope of ARTS

13:30	Introduction to Session: “ARTS Business Model - urban transport policy background”	Jacek Malasek, IBDiM Warsaw
14.00	“ARTS Stakeholders Engagement and Dissemination programme: business case and model: part 1”	Muna Hamdi, IMFV
14.20	“ARTS Stakeholders Engagement and Dissemination programme: business case and model: part 2”	Barry Moore, MoCh Tech Consulting Ltd
14.40	Interactive session where delegates will be asked to fill in worksheets	Muna Hamdi, IMFV and Barry Moore, MoCh Tech Consulting Ltd
15.00	Coffee	
15.15	ARTS: Legacy and Post-Action Activities	Lee McCluskey, University of Huddersfield
17.00	Close	