



FP7-REGPOT-2012-2013-1

Grant Agreement: 316087

AComin: Advanced Computing for Innovation

FP7 Capacity Programme
Research Potential of Convergence Regions

ACOMIN Workshop Control in Transportation Systems 10-11 September 2014 Sofia

9.00 – 9.15 Opening the Workshop – T. Stoilov

9.15 – 12.30 Plenary session

1) Professor Habib Haj Salem

*Motorway traffic control: how to optimise traffic and safety indices?
Application for coordinated ramp metering strategy:
developement Preliminary results*

2) Hassane Abouaissa

Macroscopic traffic flow control via state estimation

3) Emil K. Nikolov, Nina G. Nikolova

Traffic Flow Control in the Class of Distributed Parameters Systems

4) Emil K. Nikolov, Nina G. Nikolova

Application of Generalized Fractional Calculus in the Gain Scheduled Control Systems

5) Nikolinka Christova

Implementation of generalized nets to transport processes modeling

13.00 – 14.00 Lunch

14.00 – 15.30 Scientific session

6) B. Lazarov, G. Kirov, V. Stoyanov, ISER-BAS

Technological implementation of Network-centric operations

7) B. Lazarov, G. Kirov, V. Stoyanov, ISER-BAS

Network-centric operations for crisis management: Case study

8) Vladimir Ivanov

Using picoBlaze processors to control Traffic lights

9) Boriana Vachova

Data Mining and Knowledge Discovery for Complex Processes

15.30 – 16.00 coffee break

16.30 – 17.30 Scientific session

10) Elisaveta Trichkova

Approach for Quality Assessment and Effectiveness of a Web-Based System

11) Paunova E., V.Terzieva, P.Kademova-Katsarova

ICT in Bulgarian School – reality and good will

11 September 2014

9.30 – 11.30 Scientific session

12) Stanislav Dimitrov, Jordanka Boneva

Analysis of sales of spare parts for vehicles

13) Jivko Angelov, Kristina Pavlova

Analyzing and testing of Application of Program Solutions

14) K.Stoilova, T. Stoilov

Traffic management system with some autonomic properties