

Programme – Second version (subject to change)

Monday, 27 October, 2008 – FEUP, Room I-105

08:30 - 09:00	Reception of participants, and Opening Session
09:00 – 10:30	<p>Session 1 - WP7 Control</p> <ul style="list-style-type: none"> + Jan H. van Schuppen Introduction to the session, WP7 overview + Pia Kempker (CWI.VU) Coordination control of linear systems + Jana Nemcova (CWI) Control and realization of rational systems + Jan H. van Schuppen (CWI) Control of a hierarchical road network + Jan H. van Schuppen (CWI), with Rene Boel (UGE), Fernando Lobo Pereira (UPO), and Marios Polycarpou (UCY) Control of distributed systems - Integration of control, communication, informatics, and tools + Jan H. van Schuppen (CWI) Discussion on the plans for WP7 Control . Deliverable D.7.x. . Cooperation and contacts ? Jan H. van Schuppen (CWI) and Bambos Charalambous (UCY) Control with communication over limited capacity channels ? Rene Boel (UGE) and Jan H. van Schuppen (CWI) A framework for control of distributed systems ? Jan H. van Schuppen, Pia Kempker (CWI), and UPO Control for mission planning
10:30 – 11:00	Coffee-Break
11:00 – 12:30	<p>Session 2 - WP8 Communication for control</p> <ul style="list-style-type: none"> Savvas Gitzenis, CERTH · Topics in wireless and sensor networks: Distributed power control, efficient 3D sensor coverage, vehicular network control C.D. Charalambous, University of Cyprus · Stochastic Control over Limited Capacity Communication Channels

	Subject to Uncertainty
12:30 – 14:00	Lunch (at FEUP restaurant, 7 min walking)
14:00 – 14:45	Visit to LSTS - Laboratory of Underwater Systems and Technologies
14:45 – 16:00	Session 3 - WP4 Case study Control road networks Jos Vrancken
16:00 – 16:30	Coffee-break
16:30 – 17:45	Session 4 - WP6 Case study AGVs Jan Tijmen Udding Geert Van de Weyer, HNN · Using Automated Straddle Carriers - challenges for the horizontal transport system
17:45 – 18:45	General Assembly Meeting of C4C project All participants are welcome Agenda to be broadcasted
18:45 – 20:00	Travel from FEUP to hotels and then to restaurant (Travel directions will be made available at FEUP)
20:00 – 22:30	Dinner at a restaurant to be defined

Tuesday, 28 October, 2008 – APDL facilities in Leixões

08.30	Meeting point at IBIS hotel The venue is at approx. 13.5 km away from FEUP and bus transportation will be provided from IBIS Hotel to APDL.
09:00 – 09:15	Welcome at APDL
09:15 – 10:30	Session 5 - WP3 Case study Aerial vehicles Marios M. Polycarpou, University of Cyprus · Problem Formulation for Cooperative Control of Uninhabited Air Vehicles
10:30 – 10:45	Coffee-Break
10:45 – 12:30	Visit to APDL Command and Control Centre
12:30 – 14:00	Lunch
14:00 – 15:00	Session 6 - WP2 Case study Underwater vehicles
15:00 – 16:00	AUV Demonstration
16h00	Social program Bus transportation from APDL to the historical centre of Porto near the Douro River.
20h30	Dinner on the river

Wednesday, 29 October, 2008 – FEUP, Room I-105

09:00 – 10:30	Session 7 - WP9 Informatics Jasen Markovski, postdoc TU/e • Model-based supervisory control synthesis for complex high-tech machines Christoforos Hadjicostis, University of Cyprus • Notions of Opacity for Security Applications in Discrete Event Systems
10:30 – 10:45	Coffee-break
10:45 – 12:00	Session 8 - WP5 case study Complex machines
12:00 – 12:45	Presentation from Metro of Porto
12:45 – 14h30	Lunch
14:30 – 16:00	Session 9 - WP10 Tools
16:00 – 16:10	Workshop Closing Session