

CEEPUS CII-CZ-0031-03-0708 Summer School 2008 - "Automatic Control for the 21.century"

University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia, 29th June to 13th July, 2008.

Preliminary program

Program will take place at "Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture", Ruđera Boškovića bb, **room C501**

<i>Monday 30.6.2008</i>	
10:00	Opening Ceremony

<i>Tuesday 1.7.2008</i>	
10:00-10:45	Distributed process control systems and Internet based experiments suitable for remote engineering education; Marjan Golob
10:45-11:30	Recurrent AANN model of Biomass Steam Boiler System; Bozidar Bratina, Nenad Muskinja, Boris Tovornik
11:30-12:00	Coffee break
12:00-12:45	Virtual and Remote Laboratories for Control Engineering Based on Matlab and Java; Pavol Bisták
12:45-13:30	Analysis of Chosen Voltage Controlled Voltage Source Having Parameters Set Digitally; Miroslaw Płaza

<i>Wednesday 2.7.2008</i>	
10:00-10:45	Contribution to Remote Control of Magnetic Levitation Plant; Michal Sedlák and Katarína Žáková
10:45-11:30	Two dynamic classes of constrained PI controller; Vladimír Žilka, Martin Kamenský
11:30-12:00	Coffee break
12:00-12:45	USB Based Educational Plants;

	Peter Kurčik
12:45-13:30	Unconventional Application Of As-Interface Network In Education; Radek Štohl

Thursday 3.7.2008

10:00	Visiting Cemex – cement factory
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Friday 4.7.2008

	Free day
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Saturday 5.7.2008

	Free day
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Sunday 6.7.2008

	Free day
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Monday 7.7.2008

12:00-12:45	New Trends In Sensoric - „Plug And Play“ Sensors Stanislav Klusáček
12:45-13:30	Moment Invariants For Environment Classification In Mobile Robotics Jolana Dvorská

Tuesday 8.7.2008

12:00-12:45	System Identification of a Technology for Biomass Combustion; Vitezslav Masa
12:45-13:30	PLC Control of Pneumatic Robot Manipulato;r C. Danev, Y. Madankov, A. Taneva, M. Petrov, I. Ganchev

Wednesday 9.7.2008

10:00-10:45	Complexity Analysis of Bipedal Walking Mechanism Models Tea Marasović, Mojmil Cecić
10:45-11:30	Modeling and Simulation by Modelica Josip Musić, Ivo Stančić, Borut Zupančič

11:30-12:00	Coffee break
12:00-12:45	MSRS (Microsoft Robotics Studio) mobile robot obstacle avoidance simulation using optical sensors Mirko Majić, Mirjana Bonković:
12:45-13:30	MATLAB application for automated quantification of sympathetic nerve activity Mili Turić, Mirjana Bonković:

<i>Thursday 10.7.2008</i>	
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	Free day
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<i>Friday 11.7.2008</i>	
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	Closing ceremony
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