

## NEUREL 2008, Conference Program, September 25-27, 2008

Faculty of Electrical Engineering, University of Belgrade, Bulevar Kralja Aleksandra 73

### Thursday, 25 Sept. 2008.

**08:30 – 10:00 Registration and Coffee**

**Main Hall**

**14:00 – 15:40 Special Session 1:**

**Room 61**

***COST 292, Semantic Multimodal Analysis of Digital Media***

**Session Organizer and Chair: Željko Trpovski**

SS1.1 Branimir Reljin, *Brief Review of COST Action 292 Activities*

SS1.2 Željko Trpovski, *Content Based Image Retrieval: From Pixels to Semantics*

SS1.3 Graça Almeida, Fernando Melicio, António M. G. Pinheiro, *Multimodal Semantic Characterization of Images using MPEG-7 Descriptors*

SS1.4 Ivan Damnjanovic, Chris Landone, Josh Reiss, Ebroul Izquierdo, *Enriched Access to Digital Audiovisual Content*

SS1.5 Vladan Radosavljevic, Nenad Kojic, Goran Zajic, Branimir Reljin, *The Use of Unlabeled Data in Image Retrieval with Relevance Feedback*

SS1.6 Dragan Ristic, Milan Pavlovic, Irini Reljin, *Image Segmentation Method Based on Self-Organizing Maps and K-Means Algorithm*

**15:40 – 16:00 Coffee Break**

**Room 64**

**18:00 City Tour**

**15:00 – 17:00 Special Session 2:**

**Room 61**

***External Control of Movement: Use of Artificial Neural Networks***

**Session Organizer and Chair: Dejan Popović**

SS2.1 Dejan Popovic, Mirjana Popovic, *External Control of Movements and Artificial Neural Networks*, Invited Paper

SS2.2 Milica Djuric, *Automatic Recognition of Gait Phases from Accelerations of Leg Segments*

SS2.3 Strahinja Došen, Dejan Popović, *Rule-based Control of Walking by Using Decision and Practical Sensors*

SS2.4 Ivana Milovanovic, *Radial Basis Function (RBF) Networks for Improved Gait Analysis*

SS2.5 Nebojša Malešević, *ANN for Automatic Shaping of the Multi-Contact Surface Electrodes*

SS2.6 Lana Popović, Mirjana B. Popović, *Extraction of Tremor for Control of Neural Prostheses: Comparison of Discrete Wavelet Transform and Butterworth Filter*

SS2.7 Milan Bezbradica, Željko Trpovski, *Principles of Image Reconstruction using Positron Emission Tomography and Maximum Likelihood Estimation Algorithms*

**17:00 – 17:20 Coffee Break**

**Room 64**

**20:00 Boat Tour and Conference Dinner**

### Saturday, 27 Sept. 2008.

**12:40 NEUREL 2008 delegate picture and Closing Session**

**Room 61**

**Enjoy the Symposium NEUREL-2008!**

**We cordially expect you at the 10<sup>th</sup> NEUREL-2010!**