



# HFA



# IEEE

# SISY 2005

## 3<sup>rd</sup> SERBIAN – HUNGARIAN JOINT SYMPOSIUM ON INTELLIGENT SYSTEMS August 31-September 1, 2005 Subotica, Serbia and Montenegro

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### Technical Co-Sponsors

Budapest Tech (Hungary), Hungarian Fuzzy Association (Hungary), University of Novi Sad (Serbia and Montenegro), Polytechnical Engineering College (Serbia and Montenegro), IEEE Neural Networks Chapter (Hungary), IEEE Joint Chapter of R&A and IES (Hungary), Vojvodina Academy of Sciences and Arts (Serbia and Montenegro), Ministry of Sciences and Ecology of Serbia (Serbia and Montenegro)

### Venue

The symposium will be held in Subotica, Serbia and Montenegro at the Polytechnical Engineering College

### Language

The official language of the symposium is English.

### Submission of Papers

There are invited and regular papers. The authors of regular paper are asked to submit a full paper, including affiliation to Anikó Szakál by e-mail ([szakal@bmf.hu](mailto:szakal@bmf.hu)).

### Instructions for Authors

The format of the final manuscript can be found on the web site of (<http://www.bmf.hu/conferences/sisy2005>). The length of the manuscript is maximum 12 pages.

### Registration

The registration fee is EUR 200, but if you are a weak currency country, you can apply for partly or fully reduced registration fee, please contact Prof. Imre J. Rudas ([rudas@bmf.hu](mailto:rudas@bmf.hu)).

### Author's Schedule

Deadline for submission of papers: ..... June 1, 2005

Notification of acceptance: ..... July 1, 2005

Final manuscript submission: ..... August 1, 2005

### Topics

**Computational Intelligence:** Machine Learning, Genetic Algorithms, Neural Nets, Fuzzy Systems, Fuzzy and Neuro-Fuzzy Control, Knowledge Based Systems, Expert Systems.

**Intelligent Robotics:** Control, Flexible Arm Control, Perception and Recognition, Reasoning, Learning, Robotic Systems, Human-Robotic Interaction, Service Robots, Surgery Robots.

**Intelligent Mechatronics:** Sensing and Sensor Data Fusion, Motion Control, Intelligent Actuators.

**CAD/CAM/CAE Systems:** Product Modeling, Manufacturing Process Planning, Advanced Modeling Techniques, Shape Modeling.

**Intelligent Manufacturing Systems:** Flexible Manufacturing Systems, Production Planning and Scheduling, System Simulation, Rapid Prototyping, Concurrent Engineering, Virtual Reality.

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