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# SISY 2010

## 8<sup>th</sup> IEEE INTERNATIONAL SYMPOSIUM ON INTELLIGENT SYSTEMS and INFORMATICS

September 10-11, 2010

Subotica, Serbia

### Organizers

Óbuda University,  
Budapest (Hungary)  
Subotica Tech (Serbia)  
University of Novi Sad  
(Serbia)

### Sponsors

Hungarian Fuzzy Association  
(Hungary)  
IEEE SMC Chapter (Hungary)  
IEEE CI Chapter (Hungary)  
IEEE IES and RAS Chapters  
(Hungary)

### Technical Co-Sponsors

IEEE SMC Society  
Vojvodina Academy of  
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IEEE CI Chapter (Serbia)

**In Technical Co-operation with** HUNOROB project (HU0045) - a project supported by a grant from Iceland, Liechtenstein and Norway through the EEA Financial Mechanism and the Hungarian National Development Agency.

### Venue

The symposium will be held at Subotica Tech, Serbia.

### Language

The official language of the symposium is English.

### Submission of Papers

There are invited and regular papers. All paper submission is processed through conference website. Papers sent by e-mail are not acceptable.

### Instructions for Authors

The format of the final manuscript can be found on the conference web site of SISY 2010 (<http://conf.uni-obuda.hu/sisy2010>).

### Registration

The registration fee is EUR 250, 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@uni-obuda.hu](mailto:rudas@uni-obuda.hu)).

### Author's Schedule

Deadline for submission of full papers: ..... July 1, 2010  
Notification of acceptance: ..... August 1, 2010  
Final manuscript submission: ..... August 16, 2010

### 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, Machine Vision.

**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.

**Informatics:** The Web, Business & Digital Culture, Databases, Design & Graphics, Digital Audio, Video and Photography, Hardware, Home & Office, Networking & Sys Admin, Operating Systems, programming, Science & Math, Security Software Engineering, Healthcare Informatics, Teaching Informatics, Informatics in education process