



Honorary Chairs

C. L. Philip Chen, University of Macau
Mihály Réger, Óbuda University, Hungary
Endre Pap, Univ. of Novi Sad, Serbia
Aleksandar Rodić, Mihailo Pupin Institute, Belgrade, Serbia
Ljiljana Trajkovic, Simon Fraser Univ., Canada

General Chair

Imre J. Rudas, Óbuda University, Hungary

General Co-Chair

Branislav Borovac, Univ. of Novi Sad, Serbia

Technical Program Committee Chair

Ivana Štajner-Papuga, Univ. of Novi Sad

Technical Program Committee

Rudolf Andoga, Tech. Univ. of Košice
Bernard de Baets, Genth, Belgium
Péter Baranyi, BME, Hungary
Ivana Berković, Technical Faculty Mihajlo Pupin, Zrenjanin
József Dombi, University of Szeged
Imre Felde, Óbuda University
Ladislav Főző, Tech. Univ. of Košice
Róbert Fullér, Óbuda University, Hungary
Péter Galambos, Óbuda University
Angel Luis Garrido, Univ. of Zaragoza, Spain
Tom D. Gedeon, Murdoch University, Australia
Tamás Haidegger, Óbuda University
Ladislav Hluchý, Slovak Academy of Sciences
László Horváth, Óbuda University
Sándor Jenei, University of Pécs
Zsolt Csaba Johanyák, Kecskemét College, Hungary

Aleksandar Jovanović, Belgrade, Serbia
Duško Katić, Institute Mihajlo Pupin, Belgrade
Jozef Kelemen, Silesian University
Erich Peter Klement, Linz, Austria
Zora Konjović, Novi Sad, Serbia
Péter Korondi, BME

László Kovács, University of Miskolc
Levente Kovács, Óbuda University, Hungary
Szilveszter Kovács, University of Miskolc
Krisztián Lamár, Óbuda University
Radko Mesiar, Bratislava, Slovakia
András Molnár, Óbuda University, Budapest
László Nádaí, Óbuda University, Budapest
Szilveszter Pletl, Subotica Tech, Serbia, and Univ. of Szeged, Hungary

Radu-Emil Precup, Politehnica Univ. in Timișoara
Stefan Preißl, Politehnica Univ. in Timișoara
Miloš Racković, Novi Sad, Serbia
Dragica Radosav, Technical Faculty Mihajlo Pupin, Zrenjanin

Dušan Surla, Novi Sad, Serbia
Sándor Szénási, Óbuda University, Hungary
József K. Tar, Óbuda University, Hungary
Dušan Teodorović, Belgrade, Serbia
József Tick, Óbuda University, Hungary
Domonkos Tikk, BME, Hungary

Organizing Committee Chair

Márta Takács, Óbuda University, Hungary

Organizing Committee Co-Chair

Éva Pataki, Subotica Tech, Serbia

Organizing Committee

Gizella Csikós-Pajor, Subotica Tech
József Gáti, Óbuda University
Franciska Hegyesi, Óbuda University
Gyula Kártyás, Óbuda University
Krisztina Némethy, Óbuda University
Anita Szabó, Subotica Tech
Livia Szedmina, Subotica Tech

Secretary General

Anikó Szakál
 Óbuda University, Budapest, Hungary
 E-mail: szakal@uni-obuda.hu

SISY 2017

IEEE 15th INTERNATIONAL SYMPOSIUM ON INTELLIGENT SYSTEMS and INFORMATICS

September 14-16, 2017
 Subotica, Serbia

Organizers

Óbuda University, Budapest (Hungary)
 Subotica Tech (Serbia)
 IEEE SMC Technical Committee on Computational Cybernetics

Sponsors

IEEE Hungary Section
 IEEE SMC Chapter (Hungary)
 IEEE CI Chapter (Hungary)
 IEEE IES and RAS Chapters (Hungary)

Technical Co-Sponsor
 IEEE SMC Society

In Technical Co-operation with

Vojvodina Academy of Sciences and Arts (Serbia)
 Ministry of Sciences and Ecology of Serbia (Serbia)
 IEEE CI Chapter (Serbia)
 Hungarian Fuzzy Association

Venue

The symposium will be held at Subotica Town Hall and 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 2017 (<http://conf.uni-obuda.hu/sisy2017>).

Registration

The registration fee is EUR 300. Student and IEEE members: EUR 250.

Author's Schedule

Full paper submission: May 19, 2017

Notification: July 3, 2017

Final manuscript submission: August 10, 2017

Sorry, but no deadline extension.

Topics

Computational Intelligence (track chair: Róbert Fullér): Machine Learning, Genetic Algorithms, Neural Nets, Fuzzy Systems, Fuzzy and Neuro-Fuzzy Control, Knowledge Based Systems, Expert Systems.

Intelligent Robotics (track chair: Branislav Borovac): Control, Flexible Arm Control, Perception and Recognition, Reasoning, Learning, Robotic Systems, Human-Robotic Interaction, Service Robots, Surgery Robots, Machine Vision.

Intelligent Mechatronics (track chair: Radu-Emil Precup): Sensing and Sensor Data Fusion, Motion Control, Intelligent Actuators.

Intelligent Manufacturing Systems (track chair: László Horváth): Flexible Manufacturing Systems, Production Planning and Scheduling, System Simulation, Rapid Prototyping, Concurrent Engineering, Virtual Reality.

Informatics (track chair: Levente Kovács): 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

Applied Mathematics (track chair: Ivana Štajner-Papuga)

<http://conf.uni-obuda.hu/sisy2017>