

SISY 2020

IEEE 18th INTERNATIONAL SYMPOSIUM ON INTELLIGENT SYSTEMS and INFORMATICS

September 17-19, 2020

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 IES and RAS Chapters
(Hungary)
IEEE Control Systems Chapter
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Technical Co-Sponsor

IEEE SMC Society

In Technical Co-operation with

IEEE CI Chapter (Serbia)
Hungarian Fuzzy Association
Department of Mathematics
and Informatics, Faculty of
Sciences, Univ. of Novi Sad

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 2020 (<http://conf.uni-obuda.hu/sisy2020>).

Author's Schedule

Full paper submission: May 15, 2020
Notification: June 29, 2020
Final manuscript submission: August 3, 2020
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: Peter Sarcevic): 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)

Founding Honorary Chair

Imre J. Rudas, Óbuda University, Hungary

Honorary Chairs

C. L. Philip Chen, South China University of Technology, Guangzhou, China
Aleksandar Rodić, Mihailo Pupin Institute, Belgrade, Serbia
Ljiljana Trajković, Simon Fraser University, Canada

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Péter Galambos, Óbuda University
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Tom D. Gedeon, Murdoch University, Australia
Ladislav Hluchý, Slovak Academy of Sciences
László Horváth, Óbuda University
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Zora Konjović, Novi Sad, Serbia
László Kovács, University of Miskolc
Szilveszter Kovács, University of Miskolc
Krisztián Lamár, Óbuda University
Radko Mesiar, Bratislava, Slovakia
András Molnár, Óbuda University, Budapest
László Nádaí, Óbuda University, Budapest
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Szilveszter Pletl, Subotica Tech, Serbia, and Univ. of Szeged, Hungary
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Stefan Preitl, Politehnica Univ. in Timișoara
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Dragica Radosav, Technical Faculty Mihajlo Pupin, Zrenjanin
Dušan Surla, Novi Sad, Serbia
Sándor Szénási, Óbuda University, Hungary
Aleksander Takači, Novi Sad, Serbia
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