

SISY 2021

IEEE 19th INTERNATIONAL SYMPOSIUM ON INTELLIGENT SYSTEMS and INFORMATICS

September 16-18, 2021

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 2021 (<http://conf.uni-obuda.hu/sisy2021>).

Author's Schedule

Full paper submission: June 2, 2021
Notification: July 14, 2021
Final manuscript submission: August 11, 2021
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 Trajkovic, 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

Zsolt Csaba Johanyák, John von Neumann

University, Hungary

Aleksandar Jovanović, Belgrade, Serbia

Duško Katić, Institute Mihajlo Pupin, Belgrade

Zora Konjović, Novi Sad, Serbia

László Kovács, University of Miskolc

Szilveszter Kovács, University of Miskolc

Krisztián Lamár, Óbuda University

Edít Laufer, Óbuda University

Róbert Lovas, SZTAKI, Hungary

Radko Mesiar, Bratislava, Slovakia

András Molnár, Óbuda University, Budapest

László Nádaí, Óbuda University, Budapest

Eneko Osaba, Univ. of Deusto, Spain

Szilveszter Pletl, Subotica Tech, Serbia, and

Univ. of Szeged, Hungary

Radu-Emil Precup, Politehnica Univ. in

Timișoara

Stefan Preitl, 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

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