



Call for Papers



Intelligent Systems IS'2022

October 12-14, 2022

Warsaw, Poland

<http://iee-is-2022.ibspan.waw.pl/>

organized by

Systems Research Institute, Polish Academy of Sciences

in collaboration with

**Institute of Information and Communication Technologies,
Bulgarian Academy of Sciences**

**Institute of Biophysics and Biomedical Engineering,
Bulgarian Academy of Sciences**

Polish Operational Research and Systems Society

Technically sponsored by

IEEE SMCS

IEEE CIS

IEEE Region 8

Polish Operational and Systems Research Society

Conference venue

Systems Research Institute, Polish Academy of Sciences

<https://www.ibspan.waw.pl>

Conference scope

The conference is mainly concerned with recent advances and challenges in the theory, design and applications of broadly perceived intelligent systems. With respect to tools and techniques, a special emphasis will be on modern artificial intelligence, computational intelligence (fuzzy sets, rough sets, evolutionary computation, neural networks, swarm intelligence, etc.), calculi of uncertainty, nonstandard logics, data analysis, data mining and knowledge discovery, machine learning, information aggregation and fusion, multimedia information processing, Web technology and intelligence, semantic technologies, cognitive and affective computing, multiagent systems, ontologies for intelligent systems, "big data", etc.

Main application areas include, but are not limited to: bioinformatics, business and finance, intelligent decision support systems, database systems, e-learning, e-administration, environmental engineering, healthcare, security, sensors, automation, mobile robotics, manufacturing systems, logistics, electrical and power engineering, telecommunication, infrastructure and transportation, etc.

Conference format

In response to suggestions of many potential participants, the conference is meant to be hybrid in that, most importantly, all technical sessions will proceed in an online mode. The plenary and keynote presentations will in principle be presented in a mixed mode, that is, with some speeches in person and some online. For the conference participants who will be physically present, special rooms will be also provided so that they can either present online their own works or listen to other online presentations, and participate online at discussions. The MS Teams platform will be employed and the participants are expected to use their own notebooks for the connection.

Paper submission

The author should submit original contributions within the Conference scope, not submitted to other events, possibly checked against plagiarism.

The paper size is limited to 8 pages of A4 (210mm x 297mm) (two columns, single spaced, 10pt), including figures, tables, and references, without page numbering.

The papers should be submitted as the pdfs via Microsoft CMT, available at: <https://cmt3.research.microsoft.com/IEEEIS2022/>, which will also be used for reviewing and preparation of the final typescripts.

The style files and instructions are available at: <https://www.ieee.org/conferences/publishing/templates.html>

The accepted papers, accompanied with a proper registration payment, will be available in IEEE Explore.

Moreover, extended versions of selected papers are planned to be published in some well-known journals exemplified by Control and Cybernetics, Journal of Automation, Mobile Robotics and Intelligent Systems, Intelligent and Complex Systems, etc. and special volumes by respected publishers, e.g. SpringerNature.

Registration fees

Registration fees (to be received by October 7, 2022 to have the paper included in the proceedings):

IEEE members: EUR 350

Regular: EUR 400

Student (Master and PhD students): EUR 300

Later and on-site registration:

IEEE members: EUR 450

Regular: EUR 500

Student (Master and PhD students): EUR 350

The registration fee covers: online attendance of conference sessions and other events, coffee breaks and banquet (for participants attending in person the conference), conference materials, publication of up to 2 papers in the IEEE Explore proceedings, publication of selected papers in special issues in journals and post-conference edited volumes, if accepted.

The registration fee does not cover the accommodation and subsistence which are at the participant's own expense.

Participants taking benefit of the reduced student rate for the registration fee will be requested to send a scan of a respective identification document in advance.

Main deadlines

Full paper submission deadline: August 31, 2022

Notification of acceptance/rejection: September 30, 2022

Submission of final papers (preceded by the registration fee payment): October 7, 2022

Early registration: October 7, 2022

Conference dates: October 12-14, 2022