



2018

CALL FOR PAPERS/INVITATION TO SPECIAL SESSION INTELLIGENT SYSTEMS AND SOFTWARE ENGINEERING ADVANCES

24th International Conference on Information and Software Technologies
October 4th–6th, 2018, Vilnius, Lithuania

SPONSORED AND SUPPORTED BY

Kaunas University of Technology (KTU)

SCOPE

In the modern world each day brings more facts and information, and the need for efficient decision support systems is growing to assist in operation, user guiding, modeling, positioning, and solving complex problems. Today science concerns intelligent systems that use software engineering advances based on Computational Intelligence, Neural Networks, Fuzzy Systems, Bio-Inspired Methods, etc. making them easily applicable in today's world challenges. The combinations of these methods are crucial for efficient computer technology that now is present in every aspect of our lives, from simple machines and electronics to sophisticated computer systems. Continuous development, research and professional discussion devoted to these methods and techniques are important for further improvement.

The session aims to cover topics in the latest achievements in all aspects of computational intelligence and system engineering.

TOPICS

List of topics for the special session consists of all aspects related to Intelligent Systems and Software Engineering Advances, and include, but are not limited to:

- Computational Intelligence Methods and Applications
- Modeling and Applied Mathematics in Various Aspects of Computational Intelligence
- Computational Intelligence in Graphics, Multimedia and Vision Systems
- Computational Intelligence in General Positioning, Civil Engineering, Bathymetric, Routing, Traffic, etc.
- Computational Intelligence for Robotics and Automatics
- Computational Intelligence for Augmented Reality and Virtual Reality Models and Applications
- Code Quality, Data Management, Testing and Separation of Concerns (SoC)
- Intelligent Software, Algorithms and Methods for Large Scale Systems

SUBMISSION OF PAPERS

Authors are invited to submit their papers in English through the conference submission system <http://icist.if.ktu.lt/index.php/ICIST/login>. Submissions must be original and should not have been published previously. All papers will be peer-reviewed by the ICIST'2018 or ISSEA'2018 program committee, judged with respect to their quality, originality, and relevance to session topics. Submitted manuscripts ready for a blind review process must contain a title, an abstract and the main text and if necessary, one or more appendices, and the complete list of references. Only accepted papers in the camera-ready version must contain the name of the authors, their affiliations, addresses and emails.

PUBLICATION

Proceedings will be published in Communications in Computer and Information Science, Springer International Publishing, Switzerland. Best papers in extended versions will be invited for publication in journals of Technical Sciences (ISSN 1505-4675), Silesian Journal of Pure and Applied Mathematics (ISSN 2084-073 X) and Information Technology and Control (ISSN 1392-124X; Thomson Reuters ISI Impact Factor 0,475 (2016)).

SPECIAL SESSION CHAIR

Marcin Woźniak
Silesian University of Technology
Poland
marcin.wozniak@polsl.pl

SESSION CO-CHAIR

Emiliano Tramontana
University of Catania
Italy
tramontana@dmi.unict.it

Christian Napoli
University of Catania
Italy
napoli@dmi.unict.it

CONFERENCE CONTACTS

E-mail: icist@ktu.lt
Web site: <http://icist.if.ktu.lt/>

IMPORTANT DATES

23 05 2018 – Submission of papers

23 06 2018 – Notification of acceptance

15 07 2018 – Print ready paper submission

More information and registration on <http://icist.if.ktu.lt/>



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