

## ISAIS 2017

### Special Session on Intelligent Systems and Algorithms in Information Sciences

at the 9<sup>th</sup> Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017)

Kanazawa, Japan, April 3-5, 2017

Conference website: <http://www.aciids.pwr.edu.pl/>

#### Special Session Organizers

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#### Objectives and topics

Intelligent systems and algorithms is a promising research field of modern computational intelligence concerned with the development of the next generation of intelligent systems and algorithms. Intelligent systems and algorithms are getting popular due to their capabilities in handling several real world complexities involving imprecision, uncertainty and vagueness. The session has the intention to provide a contribution to academics and practitioners. So, both fundamental and applied researches are considered relevant:

- Genetic algorithms
- Genetic programming
- Grammatical evolution
- Differential evolution
- Evolutionary strategies
- Hybrid and distributed algorithms
- Fuzzy logic, expert systems
- Neural networks
- Multi-agent systems
- Artificial life
- Chaos, complexity, fractals
- Swarm computing
- Mathematical optimization
- Stochastic optimization
- Information technology, image processing, computer vision
- Web ontologies, deductions, OWL, adaptive e-learning

## Important dates

Submission of papers: **31 October 2016 (Hard deadline!!!)**  
Notification of acceptance: **1 December 2016**  
Camera-ready papers: **15 December 2016**  
Registration & payment: **15 December 2016**  
Conference date: **3-5 April 2017**

## Program Committee (to be invited)

Martin Kotyrba, Univerzity of Ostrava, Czech Republic  
Eva Volna, Univerzity of Ostrava, Czech Republic  
Ivan Zelinka, VŠB-Technical University of Ostrava, Czech Republic  
Hashim Habiballa, Institute for Research and Applications of Fuzzy Modeling, Czech Republic  
Alexej Kolcun, Institute of Geonics, AS CR, Czech Republic  
Roman Senkerik, Tomas Bata Univerzity in Zlin, Czech Republic  
Zuzana Kominkova Oplatkova, Tomas Bata Univerzity in Zlin, Czech Republic  
Katerina Kostolanyova, Univerzity of Ostrava, Czech Republic  
Antonin Jancarik, Charles Univerzity in Prague, Czech Republic  
Igor Kostal, The University of Economics in Bratislava, Slovakia  
Eva Kurekova, Slovak Univerzity of Technology in Bratislava, Slovakia  
Leszek Cedro, Kielce University of Technology, Poland  
Dagmar Janacova, Tomas Bata Univerzity in Zlin, Czech Republic  
Martin Halaj, Slovak Univerzity of Technology in Bratislava, Slovakia  
Radomil Matousek, Brno Univerzity of Technology, Czech Republic  
Roman Jasek, Tomas Bata Univerzity in Zlin, Czech Republic  
Petr Dostal, Brno University of Technology, Czech Republic  
Jiri Pospichal, The University of Ss. Cyril and Methodius (UCM), Slovakia  
Vladimir Bradac, Univerzity of Ostrava, Czech Republic  
Roman Jasek, Tomas Bata Univerzity in Zlin, Czech Republic  
Vaclav Skala, University of West Bohemia, Czech Republic

## Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **ISAIS 2017: Special Session on Intelligent Systems and Algorithms in Information Sciences**

<https://easychair.org/conferences/?conf=aciids2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ISAIS 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, DBLP, Google Scholar, Scopus, etc.).