

FIRST CALL FOR PAPERS

21st INTERNATIONAL MULTI-CONFERENCE ON ADVANCED COMPUTER SYSTEMS ACS 2018

Międzyzdroje, Poland, September 24-26, 2018

ORGANIZED BY

West Pomeranian University of Technology, Faculty of Computer Science, Poland

IN COOPERATION WITH

Warsaw University of Technology, Faculty of Mathematics and Information Science, Poland

Warsaw University of Life Sciences – SGGW, Poland

AGH University of Science and Technology, Faculty of Physics and Applied Computer Science, Poland

Ehime University, Japan

Polish Academy of Sciences IPIAN, Poland

Kuban State University of Technology, Institute of Information Technology and Safety, Russia

Białystok University of Technology, Poland

PURPOSE OF CONFERENCE

Artificial intelligence, software technologies, biometrics and IT security are established fields of computer science of both theoretical and practical significance.

The aim of ACS 2018 Multi-Conference is to bring artificial intelligence, software technologies, biometrics, IT security and open and distance learning researchers in contact with the ACS community, and to give ACS attendees an opportunity to exchange some significant knowledge according to this areas of interest. Industrial and systems presentations bearing new ideas and solution paradigms are welcome as well.

THE TOPICS OF INTEREST of the Conference Sections include, but are not limited to:

Artificial Intelligence

- Neural network
- Fuzzy logic
- Evolutionary algorithms
- Rough sets
- Intelligent agent systems
- Data mining and knowledge extraction
- Artificial thinking
- Probabilistic methods in artificial intelligence

Software Technologies

- Software development and maintenance
- Software architectures
- Software quality
- Critical systems
- Mainstream and emerging applications
- Parallel and distributed application technologies
- Novel software technologies

Information Technology Security

- Access control
- Identification, authentication and digital signatures
- Risk evaluation and management
- Security and cryptographic protocols
- Applied cryptography
- Trust models and trust management
- Network and operating systems security
- Legal issues, computer crime and information warfare

Multimedia Systems

- Computer games
- Virtual and augmented worlds
- Modelling of multimedia systems
- Computer graphics
- Digital imaging
- Computer vision
- Image and video processing

Design of Information Systems

- Simulation for decision making
- Business process modelling
- Computer integrated manufacturing
- Decision support systems development
- Systems for ecommerce and e-business
- Marketing information systems
- Social networks and information systems
- Diffusion of information

The primary focus is on high-quality original unpublished research, case studies, and implementation experiences. Papers should have practical relevance to the construction, evaluation, application or operation of the systems. Theoretical papers must make convincing argument for the practical significance of the results.

Any other information details as committees, instructions for authors, invitation session (plenary papers) and payment details see the ACS web site: <http://acs.zut.edu.pl>.

PAPER PRESENTATION

Keynotes and Invited Papers.
Regular Papers (8 - 12 pages, A4)
Oral Presentation and Posters

IMPORTANT DATES

April 16 th , 2018	Submission of the full paper
June 18 th , 2018	Notification of the paper acceptance/rejection after review
July 16 th , 2018	Camera-ready and registration fee
September 24 th -26 th , 2018	Conference

PUBLICATION

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All submitted papers will go through a process of triple reviews before acceptance for its presentation at the conference and publication in the conference proceedings.

We would like to inform prospective attendees of ACS 2018 that all papers accepted and presented in ACS 2018 will be invited for further revisions and publication in Springer's "Advances in Intelligent Systems and Computing" (AISC) series (<http://www.springer.com/series/11156>). The books of this series are submitted to ISI Proceedings, EI-Compindex, DBLP, SCOPUS, Google Scholar and Springerlink and indexed in Web of Science.

At least one of the authors of an accepted paper is required to register and present their work at the conference; otherwise the paper will be removed from the digital library of the conference.

INSTRUCTIONS FOR AUTHORS

The size limit of the full paper is 8 to 12 pages, including abstract, key words, and references, and include the e-mail address of the corresponding author/authors. If the paper includes more than 12 pages there is payment per additional page to help cover the added cost of printing. Up to 2 extra pages per paper are allowed. Oral or poster presentation of the paper is allowed.

An author's kit, sample copies and other relevant information for submitting papers will be available on the websites of ACS: <http://acs.zut.edu.pl/>.

Please find other important technical information in the sample document provided in the kit. Once your submission is ready, upload the MS Word or LaTeX document along with a PDF file (generated for a reference) after creating your individual account in the ACS 2018 system at <http://acs.wi.zut.edu.pl>.

The final decision concerning publishing the paper is based on an editorial assessment and reviews of full paper version. ACS 2018 Programme Committee reserves the right to the final decision regarding acceptance.

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