



CISIM 2019

**18th International Conference
on Computer Information Systems
and Industrial Management Applications**

**Belgrade, Serbia
Belgrade Metropolitan University
September 19-21, 2019**

cisim2019.wi.pb.edu.pl

ORGANIZED BY



BIALYSTOK UNIVERSITY OF TECHNOLOGY (BUT)



BELGRADE METROPOLITAN UNIVERSITY (BMU)

in cooperation with:

- *Warsaw University of Technology, Poland*
- *University of Calcutta, India*
- *Ca' Foscari University, Italy*
- *Institute of Computer Science,
Polish Academy of Sciences, Poland*
- *Systems Research Institute,
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TECHNICALLY SUPPORTED BY

- *Lecture Notes in Computer Science, Springer*

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KEYNOTE SPEAKERS

To be announced later.

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PURPOSE OF CONFERENCE

This conference aims to bring many important research streams together. Computer Information Systems and their applications in Image Analysis and Processing, Biometrics in both behavioral and physiological categories comprise researches in Information Processing Systems and Human Identification and Recognition Techniques. Therefore, researchers are encouraged to submit their contributions in both theoretical and practical aspects of the following Topics.

TOPICS

The topics of the conference include the following scientific research areas of Computer Science.

- Biometrics Security and Multi-media

Preprocessing Methods, Feature Extraction, Face Description and Identification, Retinal and Iris, Tongue, DNA and EEG Biometrics, Multi-modal Biometric Methods, Medical Analysis, Border Control, Biometric Cryptosystems, Fingerprints, Hand Palm and Hand Geometry, Speech and Speaker Verification and all other topics on Human Description, Classification, Identification and Recognition; Kansei Engineering, Affective Systems and Human Emotion Measuring Techniques, Deep Learning in Biometrics tools

- Computer Information Systems

Signal & Image Analysis and Processing, Computer Graphics and Vision, Object Classification and Recognition, Artificial Intelligence, Ambient Intelligence, Ubiquitous Systems, Mobile and Pervasive Computing, Security, Mobile Ad-hoc and Sensor Network Service-oriented Framework and Middleware Network and Application Hardware, Quality of Services (QoS), Medical, Multimedia

- Geoinformation Science and Technologies

Geovisualization, Spatial Data Analysis, Geoapplication Development, Geoinformation Science and Technologies, Geocomputation

- Machine learning and High Performance Computing

Classification, Clustering, Deep Learning, SVM, Bayesian Models, Code Optimization, Large Scale Data Analysis, Cloud and Grid Computing

- Industrial Management and other Applications.

Commerce, Engineering Economy and Cost Analysis, Engineering Education and Training, Global Manufacturing and Management, Human Factors, Information Processing and Engineering, Intelligent Systems, Manufacturing Systems, Operations Research, Production Planning and Control, Project Management, Quality Control and Management, Reliability and Maintenance Engineering, Safety, Security and Risk Management, Service Innovation and Management, Supply Chain Management, Systems Modeling and Simulation, Technology and Knowledge Management, Big Data Analytics, Big Data Architectures, Distributed Big Data Analytics, Semantic technologies (Knowledge Graphs), Visualisation, Open Data.

PAPER PRESENTATION AND PUBLICATION

Research papers (~12 pages) in Springer LNCS style should be submitted through the EasyChair system:
<https://easychair.org/conferences/?conf=cisim2019>

PROCEEDINGS AND PUBLICATION

Authors are invited to submit technical papers describing original research. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this symposium. Accepted papers, regardless the way of their presentation (oral or poster) will be published in the conference proceedings, in the Lecture Notes in Computer Science series, by Springer-Verlag. Authors will be required to sign a copyright release.

IMPORTANT DATES

Paper submission: April 1, 2019

Notification: May 27, 2019

Camera-ready & Registration: June 17, 2019

PREVIOUS CONFERENCES

CISIM 2018 Czech Republic
<https://wi.pb.edu.pl/cisim2018/>

CISIM 2017 Poland
<https://wi.pb.edu.pl/cisim2017/>

CISIM 2016 Vilnius
<http://www.uwb.lt/cisim2016/>

CISIM 2015 Warsaw
<http://www.mini.pw.edu.pl/cisim2015/>

CISIM 2014 Viet Nam
<http://cisim2014.tdt.edu.vn>

CISIM 2013 Poland
<http://home.agh.edu.pl/~saeed/cisim2013/>

CISIM 2012 Italy
<http://www.dsi.unive.it/CISIM/>

CISIM 2011 India
<http://cisim.cucse.org/>

CISIM 2010 Poland
<http://home.agh.edu.pl/~saeed/cisim/>

CISIM 2009 India
<http://www.mirlabs.org/cisim09/>

CISIM 2008 Czechia
<http://arg.vsb.cz/cisim/>

ISDA-CISIM 2007 Brazil
<http://www.isda07.eng.uerj.br/workshops/>

ACS-CISIM 2004-2006 Poland
<http://acs.wi.ps.pl/>

CISIM 2003, 2007 Poland
<http://private.wsfiz.edu.pl/mosdorf/cisim07/>