

ICVSA 2017

Special Session on Intelligent Computer Vision Systems and Applications

at the 9th 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

Over the last decades there has been a significant growth of the computer vision area. Various algorithms and approaches have been developed and applied so far. Nowadays, many systems have been used in everyday life in order to make it easier, more convenient or safe. These systems are becoming more and more intelligent thanks to the sophisticated and advanced solutions from the computer vision area. The ICVSA 2017 Special Session at the 9th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017) is devoted to the recent advances in theoretical and practical aspects of intelligent computer vision systems and applications. The main goal of this special session is to give the researchers the opportunity to meet and discuss new trends and research directions as well as present their current work. The scope of the ICVSA 2017 includes, but is not limited to the following topics related to the intelligent computer vision systems:

- Geometrical models
- Statistical methods and learning
- Shape analysis and representation
- Object detection and recognition
- Image restoration
- Image recognition and registration
- Scene analysis and segmentation
- Feature extraction
- Pose estimation
- Face and gesture analysis
- Automatic target recognition
- 3D computer vision
- Augmented reality
- Motion and tracking
- Intelligent interfaces
- Hardware and architectures for computer vision
- Autonomous robot navigation
- Practical aspects and applications in medicine, biometrics, forensics, surveillance, industry, engineering, etc.

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)

Ferran Reverter Comes, University of Barcelona, Spain
Michael Cree, University of Waikato, New Zealand
Piotr Dziurzański, University of York, United Kingdom
Paweł Forczmański, West Pomeranian University of Technology, Szczecin, Poland
Marcin Iwanowski, Warsaw University of Technology, Poland
Heikki Kälviäinen, Lappeenranta University of Technology, Finland
Tomasz Marciniak, UTP University of Science and Technology, Poland
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Krzysztof Okarma, West Pomeranian University of Technology, Szczecin, Poland
Arkadiusz Orłowski, Warsaw University of Life Sciences, Poland
Edward Półrolniczak, West Pomeranian University of Technology, Szczecin, Poland
Pilar Rosado Rodrigo, University of Barcelona, Spain
Khalid Saeed, AGH University of Science and Technology Cracow, Poland
Rafael Saracchini, Technological Institute of Castilla y León (ITCL), Spain
Samuel Silva, University of Aveiro, Portugal
Gregory Slabaugh, City University London, United Kingdom
Egon L. van den Broek, Utrecht University, Utrecht, The Netherlands
Ventseslav Valev, Bulgarian Academy of Sciences, Bulgaria

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: **ICVSA 2017: Special Session on Intelligent Computer Vision Systems and Applications**.

<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 ICVSA 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.).