

CIV 2022

Special Session on Computational Imaging and Vision

at the 14th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2022)

Almaty, Kazakhstan, June 6-9, 2022

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

Special Session Organizers

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Objectives and topics

Due to recent development in visual big data and advancements in high performance computing systems, there has been increasing interest in computational imaging and vision research areas. Computational approaches provide effective ways to tackle high complexity (e.g., dimensionality and correlation structure) of visual big data. This special session is designed to serve researchers and developers to publish original, innovative and state-of-the-art computational algorithms, architectures and applications in the area of imaging, vision and related areas. The scope of this special session includes, but is not limited to, the following topics:

- Deep Learning
- Statistical Learning
- Extreme Learning Machines
- Optimization Methods
- Biometrics
- 3D Scene Reconstruction
- Face and Gesture Recognition
- Motion and Tracking
- Video Analytics
- Vision for Web Applications
- Anomaly Behavior Detection/Recognition
- Intelligent Surveillance Systems
- Performance Evaluation and Benchmark Data Sets
- Document Analysis and Recognition
- Image Retrieval
- Sensor Data Analysis
- Hardware implementation (GPUs, FPGA,...)

Important dates

Submission of papers: **15 January 2022**
Notification of acceptance: **1 March 2022**
Camera-ready papers: **15 March 2022**
Registration & payment: **15 March 2022**
Conference date: **6-9 June 2022**

Program Committee (to be invited)

Ishwar Sethi, Oakland University, USA
Moongu Jeon, Gwangju Institute of Science and Technology, Korea
Ba-Ngu Vo, Curtin University, Australia
Benlian Xu, Changshu Institute of Technology, China
Weifeng Liu, Hangzhou Danzi University, China
Ashish Khare, University of Allahabad, India
Moonsoo Kang, Chosun University, Korea
Goo-Rak Kwon, Chosun University, Korea
Sang Woong Lee, Gachon University, Korea
US Tiwary, IIT Allahabad, India
Ekkarat Boonchieng, Chiang Mai University, Thailand
Jeong-Seon Park, Chonnam National University, Korea
Unsang Park, Sogang University, Korea
Bakul Gohel, DA-IICT, India
Sathya Narayanan, Vellore Institute of Technology, India
Alok Kumar Singh Kushwaha, Guru Ghasidas University, India

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: **CIV 2022: Special Session on Computational Imaging and Vision.**

<https://easychair.org/conferences/?conf=aciids2022>

Authors are invited to submit original previously unpublished research papers written in English, of up to 13 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 CIV 2022 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.).