

## CIV 2021

### Special Session on Computational Imaging and Vision

at the 13<sup>th</sup> Asian Conference on Intelligent Information and Database Systems (ACIIDS 2021)

Phuket, Thailand, April 7-10, 2021

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

### Special Session Organizers

**Dr. Manish Khare**

Dhirubhai Ambani Institute of Information and Communication technology  
Gandhinagar – 382007, Gujarat, India  
E-mail: [mkharejk@gmail.com](mailto:mkharejk@gmail.com)

**Dr. Prashant Srivastava**

Department of Computer Science and Engineering, NIIT University  
Neemrana – 301705, Rajasthan, India  
E-mail: [prashant.jk087@gmail.com](mailto:prashant.jk087@gmail.com)

**Dr. Om Prakash**

HNB Garwal University (A Central University)  
Srinagar - 246174, Uttarakhand, India  
E-mail: [au.omprakash@gmail.com](mailto:au.omprakash@gmail.com)

**Dr. Jeonghwan Gwak**

Department of Software, Korea National University of Transportation  
50 Daehak-ro, Chungju 27469, Republic of Korea  
E-mail: [james.han.gwak@gmail.com](mailto:james.han.gwak@gmail.com)

### 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
- Neural Networks
- Genetic Algorithms and Evolutionary Computing
- Optimization Methods
- Biometrics
- 3D Scene Reconstruction
- Face and Gesture Recognition
- Action 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
- Speech Analysis and Recognition
- Image Retrieval
- Sensor Data Analysis
- Hardware implementation (GPUs, FPGA,...)

## Important dates

Submission of papers: **1 October 2020**  
Notification of acceptance: **15 November 2020**  
Camera-ready papers: **15 November 2020**  
Registration & payment: **15 December 2020**  
Conference date: **7-10 April 2021**

## Program Committee (to be invited)

Ishwar Sethi, Oakland University, USA  
Moongu Jeon, Gwangju Institute of Science and Technology, Korea  
Jong-In Song, Gwangju Institute of Science and Technology, Korea  
Taek Lyul Song, Hangyang University, Korea  
Ba-Ngu Vo, Curtin University, Australia  
Ba-Tuong Vo, Curtin University, Australia  
Du Yong Kim, Curtin University, Australia  
Benlian Xu, Changshu Institute of Technology, China  
Peiyi Zhu, Changshu Institute of Technology, China  
Mingli Lu, 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  
R.Z. Khan, Aligarh Muslim University, India  
Suman Mitra, DA-IICT, India  
Bakul Gohel, DA-IICT, India  
Sathya Narayanan, NTU, Singapore

## 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 2021: Special Session on Computational Imaging and Vision**

<https://easychair.org/conferences/?conf=aciids2021>

Authors are invited to submit original previously unpublished research papers written in English, of up to 12 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 2021 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.).

## Contact Information

If you have any queries concerning this special session, please email Dr. M. Khare ([mkharejk@gmail.com](mailto:mkharejk@gmail.com)).