

# Call for Papers for Special Session on Advanced research in 'Computer Vision, Image and Video Processing (CVIVP) 4<sup>th</sup> International Conference on Information Systems and Computer Networks ISCON 2019

Sponsored by IEEE Uttar Pradesh Section and IEEE Computer Society Chapter of U.P. Section  
(Thurs-Fri) November 21-22, 2019

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Organized by: Department of Computer Engineering & Applications, GLA University, Mathura, India  
(IEEE Conference Record Number: #47742)

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Knowledge Partner - CLOUDS Lab (University of Melbourne), TELS (National University of La Pampa, Argentina)

## Session Chair(s):

**Dr. Vikrant Bhateja, Shri Ramswaroop Memorial Group of Professional Colleges, Lucknow, India.**  
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**Dr. Nhu Gia Nguyen, Duy Tan University, Da Nang, Vietnam**  
**Dr. Dac Nhung Le, Haiphong University, Haiphong, Vietnam.**

## Program Committee:

Dr. S. C. Satapathy, KIIT University, Bhubaneswar India  
Dr. Pritee Parwekar, ANITS, Vishakhapatnam, India.  
Dr. Chung Le, Duy Tan University, Viet Nam.  
Dr. Aime Lay Ekuakille, University of Lecce, Italy.  
Dr. Kamlesh Verms, DRDO, Dehradun, India.  
Dr. Chirag Arora, KIET, Ghaziabad, India.

## Theme of Special Session:

The session aims to provide a plethora to researchers, academicians and scientists to share their innovations and developments in the domain of computer vision and image understanding. The theme will address recent advances in theory, methodologies and applications in the fields of computer vision, image & video processing and pattern recognition. Mathematical, physical and computational aspects of computer vision; matching and recognition. Connections with human visual system (HVS): computational and architectural aspects of human vision.

## Topics of interest include, but not limited to, the following:

- Image sensors and systems processing (scanning, display & printing)
- Color Imaging (Digital half-toning and color reproduction)
- Image analysis and understanding
- Image and Video mining
- Image Fusion
- Image filtering, denoising, enhancement and restoration
- Image compression and coding
- Image and video segmentation
- Morphology and Fractals
- Image description, ranking and recognition
- Image and video quality assessment
- Shape and texture analysis
- Robust Change Detection
- Motion estimation and tracking
- Image/Video Annotation, Search and Retrieval
- Cloud based processing of multimedia
- Cloud applications to image and video
- Computational Intelligence in Image & Video Processing (Bio-inspired computing, evolutionary computing, fuzzy systems, neural networks etc.)
- Pattern recognition and machine intelligence
- Human computer interactions using images & videos
- Character, graphical and text Processing
- Compression sensing in imaging
- Gammimg application
- Geophysics and astronomical imaging
- Image and video based Gesture analysis
- Image formation in microscopy, and crystallography
- Radar and sonar imaging
- Robotic vision systems
- Spectral imaging and reconstruction
- Super-resolution imaging
- Volumetric imaging
- Tensor Imaging
- Medical Imaging
- Biometrics
- Security and Forensics Applications
- Image and Video Processing in Surveillance.

## Important Dates:

**Start of Paper Submission: 15<sup>th</sup> March, 2019**  
**Last date of paper Submission: Extended 30<sup>th</sup> June, 2019**  
**Paper Acceptance Notification: 15<sup>th</sup> June, 2019**  
**Submission of final copy: 15<sup>th</sup> July, 2019**  
**Registration Deadline (Early Bird): 15<sup>th</sup> July, 2019**

Prospective authors are encouraged to submit their paper through easy chair. The link is available on the conference website. Submissions must be plagiarism free and not more than six pages in IEEE format. Use the following link to submit your papers [Click Here: https://easychair.org/conferences/?conf=iscon2019](https://easychair.org/conferences/?conf=iscon2019)

## Steps to submit the Paper in the Special Session of IEEE-ISCON2019:

Please submit your paper (in pdf file of your full length paper in IEEE format) at <https://easychair.org/conferences/?conf=iscon2019> with a copy of the paper to [bhateja.vikrant@ieee.org](mailto:bhateja.vikrant@ieee.org) with "Name of Special Session and Easy chair Paper ID" mentioned in subject line.

## Publication Ethics:

Every paper submitted to the ISCON2019 will be checked for plagiarism by using anti-plagiarism software (Turnitin), before being sent to a pre-conference review. Authors should observe high standards with respect to publication ethics. Falsification or fabrication of data, plagiarism, including duplicate publication of the author's own work without proper citation, and misappropriation of the work are all unacceptable.

## Proceedings Publication:

All Accepted and presented papers of the conference by duly registered author(s), will be submitted to IEEE Xplore digital library for publication. (IEEE Conference Record: #47742) and Scopus Indexing.

**For any inquiry related to special session papers submission, please Contact:**

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**Conference Website: [www.gla.ac.in/iscon2019](http://www.gla.ac.in/iscon2019)**

**Call for Special Session: [www.gla.ac.in/iscon2019/#Callforspecialsession](http://www.gla.ac.in/iscon2019/#Callforspecialsession)**