

National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics 2013



NCVPRIPG 2013

December 19- 21, 2013

Call for Papers



The fourth National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG) will be held at Jodhpur, Rajasthan. NCVPRIPG-2013 is being organized by the Indian Institute of Technology Jodhpur, in association with the Indian Unit for Pattern Recognition and Artificial Intelligence (IUPRAI), an affiliate of the International Association for Pattern Recognition (IAPR). The primary goal of NCVPRIPG is to bring together researchers working in the broad areas of Computer Vision, Graphics, Image Processing, Pattern Recognition and related fields, to promote community-wide discussions of ideas that will influence and foster continued research in the field. The NCVPRIPG family of conferences has evolved from the national-level workshops and is held every alternate year since 2004 while the much-acclaimed Indian Conference on Vision, Graphics and Image Processing (ICVGIP) is being organized since 1998. For details, please visit www.icvgip.org

Topics of interest:

- Stereo and 3D Vision
- Active and Real Time Vision
- Motion and Video Analysis
- Object Detection and Recognition
- Image and Video Retrieval
- Sensors and Imaging Models
- Image and Video Compression
- Speech Processing and Recognition.
- Machine learning and Data Mining
- Segmentation and Grouping
- Digital Image processing
- Speech Processing and Recognition.
- Animation and Motion Capture
- Image-Based Rendering
- Visual Special Effects
- GPU Algorithms
- Digital Heritage
- Hardware for Graphics and IP
- Hardware for Vision Applications
- Image and Video Processing Architecture
- Bio-informatics
- Document Understanding
- Biometrics
- Medical Image Analysis
- Aerial and Satellite Image Analysis
- Computational Intelligence
- Industrial Vision Systems

Plenary Speakers:

- **Anil K. Jain** (Michigan State University)
Talk: Biometrics: Technology for Human Recognition
- **Shmuel Peleg** (The Hebrew University of Jerusalem, Israel)
Talk: Video Synopsis
- **Roberto Scopigno** (CNR-ISTI Pisa, Italy)
Talk: High-fidelity 3D models for Cultural Heritage
- **Shai Avidan** (Tel-Aviv University, Israel)
Talk: Organizing Visual Data
- **B.S. Manjunath** (University of California, CA)
Talk: Scalable Scientific Image Informatics

The conference is technically co-sponsored by the IEEE Gujarat Section. Proceedings will be published by IEEE and will be available online on IEEE eXplore.

Important Dates:

Pre-submission of Abstract due: **31st July 2013**

Full Paper Submission due: **9th August 2013**

Decision notification: 15th September 2013

Camera ready papers due: 30th September 2013

NCVPRIPG'13 will also have **tutorial sessions**, **doctoral symposium**, and **special sessions**

Patron

Prem Kumar Kalra, IIT Jodhpur

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<http://www.iitj.ac.in/ncvpripg/>