



## ADVANCE INFORMATION

### SPEECH, IMAGE, BIOMEDICAL & INFORMATION PROCESSING

#### CONFERENCE ON

## SPEECH, IMAGE, BIOMEDICAL & INFORMATION PROCESSING

November 1-2, 2012

Department of Electronics and Communication Engineering,  
Chitkara University, Punjab.

Signal Processing has penetrated a wide range of application systems, such as consumer electronics, digital communication, medical imaging and so on. With the dramatic increase of the processing capability of signal processing processors, it is expected that the importance and role of signal processing and communication will accelerate and expand in time to come. Innovation is considered to be a crucial factor for surviving the competition in a globalised economy. The enablers for promoting innovation are research and technology development.

Teaching - learning thrives in an atmosphere wherein new knowledge is continuously created. It is evident that academic research must be undertaken and promoted for moving up the value chain in the current knowledge and technology driven world. The Conference on **Speech, Image, Biomedical & Information Processing** aims to bring together academicians, researchers, engineers, industry experts and students to exchange and share their experiences and research results about all aspects of signal processing, and discuss the practical challenges encountered and the methods adopted to overcome the same. The Department of Electronics and Communication Engineering of Chitkara University, Rajpura, Punjab, India, proudly announces the Conference on **Speech, Image, Biomedical & Information Processing SIBIP-2012** to be held on November 1-2, 2012.

#### The two-day event will comprise:

- Invited talks.
- Presentation of refereed papers
- Workshop on Signal Processing(Using Lab VIEW & Matlab)
- Workshop on Communication
- Special session for undergraduate students including Poster Presentation

#### Patrons:

**Dr. Ashok Chitkara**  
Chancellor  
Chitkara University

**Dr. Madhu Chitkara**  
Vice Chancellor  
Chitkara University

#### Conference Chair

**Dr. Archana Mantri**  
Pro Vice Chancellor  
Chitkara University

#### Conference Coordinator

**Prof. Rajesh Hooda**  
Head of Department  
Electronics & Comm. Engg.

#### Conveners

**Prof. Shivani Malhotra**  
**Prof. Harsimranjit Kaur**

#### Workshop Co-ordinator

**Prof. Gurjinder Singh**

Organizing Department  
Electronics & Comm. Engg.  
Chitkara University  
Punjab  
([SIBIP@chitkara.edu.in](mailto:SIBIP@chitkara.edu.in))

The topics of the papers may be one (but not limited to) of the following:

### Acoustic, Speech, Image & Video Processing

- Acoustic signal Processing
- Bio Acoustic
- Array Signal Processing
- Speech Processing & Synthesis
- Acoustic Imaging
- Seismic
- Multilingual Speech Processing
- Image Sequence Processing
- Seismic Imaging
- VLSI for signal and image processing
- Multimedia Processing
- Watermarking
- Biomedical
- Remote Sensing

### Communication & Information Processing

- Optical Signal Processing
- Mobile Signal Processing
- Digital Communication
- Channel Estimation
- Echo Cancellation
- Multimedia communication
- Power line Communication
- Circuits & Systems
- Signal Processing for MIMO
- Radar / Sonar Signal Processing

An Exhibition where companies and service providers can showcase their technologies, products and services is also being planned. Industries are invited to exhibit their products related to the conference. They may contact the Convener of the Conference for further details.

#### **IMPORTANT DATES:**

- Regular on-line paper submissions begin: March 5, 2012
- Last Date for paper submission: July 13, 2012
- Acceptance notification: August 16, 2012
- Submission of Camera ready papers & Registration: September 7, 2012

#### **REGISTRATION FEE:**

##### **A. For both Workshop and Conference**

- Students and Research Scholars: Rs. 2000/-
- Faculty members: Rs. 2500/-
- Participants from Industry: Rs. 3500/-

##### **B. For Conference Only**

- Students and Research Scholars: Rs. 1500/-
- Faculty members: Rs. 2000/-
- Participants from Industry: Rs. 3000/-

**Note:** Registration for the Conference is compulsory for participants wishing to attend the Workshop. Registration fee may be paid by Cash or Demand Draft in favor of "Chitkara University" payable at Chandigarh.

#### **SUBMISSION OF PAPERS:**

All the received papers will be peer reviewed by the committee of technical advisors and selected papers will be published in the conference proceedings

Papers, in word format must be submitted electronically to [SIBIP@chitkara.edu.in](mailto:SIBIP@chitkara.edu.in) as .doc files.  
([http://www.ieee.org/portal/cms\\_docs/pubs/confpubcenter/pdfs/samplems.pdf](http://www.ieee.org/portal/cms_docs/pubs/confpubcenter/pdfs/samplems.pdf))

#### **ADDRESS FOR CORRESPONDENCE:**

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❖ *In order for the paper to be included in the Proceedings, at least one of the authors must register for the Conference.*