



ICSIP-2010
International Conference on
Signal and Image Processing
15 – 17, Dec 2010
Chennai, India

Jointly organized by
RMD College of Engineering
and
University of Mysore

In association with
IEEE Computer Society, Madras Chapter
and
Computer Society of India Div IV & Chennai Chapter

CALL FOR PAPERS

The International Conference on Signal and Image Processing (ICSIP), organized by RMD Engineering College jointly with University of Mysore provides academia and industry to discuss and present the latest technological advances and research results in the fields of theoretical, experimental, and application of signal, image and video processing. ICSIP 2010 aims to bring together engineers and scientists from around the world and for better cohesion and collaboration in the fields of mutual interest and will be held in the beautiful college campus which is very close to Chennai, the capital of Tamilnadu.

The main objective of ICSIP 2010, the 3rd edition in the series, will be to provide a forum in which the most recent approaches and goals in image analysis can be presented and discussed. The ICSIP conferences serve as good platforms for our members and the engineering community to network and exchange ideas. The ICSIP committees have been formed with members who are mainly research center heads, faculty deans, department heads, professors, research scientists and industry experts from over 30 countries. The ICSIP 2009 held last year had attracted over five hundred participants from 15 countries.

ICSIP 2010 seeks contributions in the form of papers and cases on the theme as well as a broad range of issues relating to innovative applications of ICT & other appropriate technologies in achieving the theme related topics including, but not limited to:

- Track 1: Image Processing: Image Compression, Image Segmentation, Image Enhancement, Image Registration, Mosaicing, Video Surveillance, Video Summarization.
- Track 2: Pattern Recognition: Object Recognition, Distance Measures, Feature Extraction, Defeat Detection, Shape Analysis.
- Track 3: Document Processing: Document Analysis and Recognition, Handwriting Analysis, Character Recognition, Language Recognition, Multimedia Documents, Text Classification.
- Track 4: Computer Vision: Image Rectification, Stereo Vision, Object Detection, Motion Estimation, Camera Calibration.
- Track 5: Biometrics: Face, Fingerprint, IRIS, Signature, Gait, Multimodal and Emerging Biometrics.

- Track 6: Data Mining and Knowledge Discovery: Machine Learning, Text Mining, Evolutionary Computing, Ontology, Spatial Knowledge, Machine Learning, Rule Mining, Intelligent Information, Dynamic Programming.
- Track 7: Information Retrieval: Content Based Retrieval, Indexing, Structural Data, Multimedia Database, Image Retrieval, Video Retrieval, Text Retrieval, Biometric Retrieval, Multimodal Retrieval.
- Track 8: Information Coding: DCT Coding, Watermarking, Cryptography, Steganography, Data Hiding, Teleradiology, Index Coding, Signal Encoding, Indexing Documents

For more detailed list of topics, pl. refer: <http://www.rmd.ac.in/icsip2010/topics.html>

Submission: Authors are invited to submit the extended abstract of the paper by 31st May and the full paper by email to icsip2010@rmd.ac.in by 15th June either as a MS Word or PDF file. The format of the paper may be downloaded from http://www.rmd.ac.in/icsip2010/paper_format.doc

The first page of the draft paper should include: (1) Title of the paper; (2) Name, affiliation and e-mail address for each author; and (3) A maximum of 5 keywords of the paper with track number.

All submitted papers will be peer reviewed for quality and the notification of the acceptance will be made by 15th Aug 2010. All the accepted papers will be published in the conference proceeding (with an ISBN No.). Revised and expanded version of the selected papers may be considered for inclusion as book chapters in the standalone edited books under the framework of cooperation between Springer and RMDEC. Efforts are on to index the abstracts and make them available in major academic databases. The accepted papers will also be considered for publication in the special issues of the select journals.

Important Deadlines

- Submission of extended abstract (500 words): **May 31, 2010**
- Submission of full paper: **June 15, 2010**
- Acceptance notification: **August 15, 2010**
- Submission of camera-ready manuscripts: **August 30, 2010**

ICSIP 2010 Chairs and Co-chairs

Prof. Dr. P. Nagabhushan (Advisor)

Professor of Computer Science & Director of Planning and Development,
University of Mysore, Mysore

Prof. Dr. K. Sivaram (Chair – Organising Committee)

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Prof. Dr. S. Murali (Co-Chair)

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Prof. Dr. R. M. Suresh (Chair – Programme Committee)

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Shri. H.R. Mohan (Chair – Publication Committee)

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Prof. Dr. P. Sakthivel (Co-Chair)

Asst. Professor of ECE, Anna University
Chairman CSI Chennai Chapter