



Call for Papers

on Design and Architectures for Signal and Image Processing



at
3rd International Conference on

Soft Computing for Problem Solving (SocProS-2013)

Organized by Saharanpur Campus of Indian Institute of Technology Roorkee, Roorkee, India

Co-organized by SIG(SAEM) & SIG(EMS), BISC, University of California, Berkeley, USA

Venue: Greater Noida Extension Centre of IIT Roorkee, India

December 26 - 28, 2013

SCOPE: The Special Session (SS) on Design and Architectures for Signal and Image Processing addresses the development of complex applications involving signal and image processing based on a new approaches and Algorithm, which aims to leverage the design flow by a simultaneous study of both algorithmic and architectural issues, taking into account multiple design constraints, as well as algorithm and architecture optimizations.

AIM: The aim of SS is to present the latest results in the domain of design and architecture for signal and image processing along several axes: methods and tools; development platforms, architectures and technologies; use-cases and applications as well as smart sensing systems.

CALL FOR PAPERS: We welcome papers that employ novel or interdisciplinary approaches. Authors are invited to submit their research and unpublished work to this special session. Topics of interest include, but are not limited to, the following:

- Design and Implementation of Digital filters
- Real-time systems for Signal and Image processing
- Optimization techniques for Signal and Image processing
- Signal and Image processing system for Healthcare and Remote sensing
- Audio and Video processing systems
- Mathematical modeling and Simulation

IMPORTANT DATE: Follow the SocProC 2013 instruction
(Submission: 31-Jul-2013, Acceptance: 30-Aug-2013)

PAPER PUBLICATION: All the accepted papers to be presented in this session will be published in the Proceeding of **AISC series of Springer** and the extended versions of the selected papers will be published in **special issue of the International Journals**.

PAPER SUBMISSION: Full Length paper in the prescribed format of Springer can be submitted through the easy chair link provided at the Conference website: <http://socpros13.scrs.in/> or <https://www.easychair.org/conferences/?conf=socpros2013>

TRACK CHAIR: Ranjeet Kumar (ranjeet281@gmail.com), PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur
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