



International Conference on Signal Processing and Communications

Indian Institute of Science, Bangalore
July 22-25, 2012



SPCOM 2012

SPCOM 2012 provides a forum for researchers from academia, research laboratories, and industries to come together to share and learn about current developments in these emerging fields. SPCOM 2012 is the ninth in the series of the biennial events that have been organized since 1990 at the Indian Institute of Science (IISc).

Topics of interest include, but are not limited to:

Wireless Communications

Cooperative Communications
MIMO and Space-Time Signal Processing
Cognitive Radio
Network Coding
Information Theory
Coding for Data Communications and Storage
Ad-hoc and Sensor Networks
Optical Communications and Networks
Next Generation Networking & QoS
Cyber Physical Systems
Multihop and Mesh Networks
Vehicular Networks
RF Systems for Communications
Green Communications
Smart Grid
Physical Layer Security

Detection and Estimation

Adaptive and Array Signal Processing
Compressive Sensing & Applications
Signal Processing for Communications
Machine Learning/AI for Signal Processing
Audio & Speech Processing
Image & Video Signal Processing
Source Coding and Data Compression
Forensics and Security
Signal Processing Algorithms & Architecture
Underwater Communications & Signal Processing
Systems Biology
VLSI for Communication & Signal Processing
Bio-Signal Processing
Spoken Language Processing
Systems, Standards and Implementations
Biological Network & Data Analysis / Modelling

Prospective authors are invited to submit full-length (up to five pages long) PDF manuscripts on EDAS (<http://edas.info/N11419>). The style file for the manuscripts can be downloaded from the conference website <http://www.ece.iisc.ernet.in/~spcom2012/>. All the accepted papers will be published in the conference proceedings. All the registrants at the conference will receive a copy of the proceedings.

IEEE sponsorship has been applied and papers are expected to appear in IEEE Xplore.

The conference shall feature several plenary talks, tutorials and invited papers by distinguished researchers from the academia and industry on topics of current interest and promise.

IMPORTANT DATES

Last date for paper submission: January 30, 2012
Acceptance notification: April 9, 2012
Last date for camera-ready copy: May 11, 2012

General Chairs	: Vinod Sharma Lang Tong A. Chockalingam
TPC Chairs	: Navin Kashyap Urbashi Mitra Onkar Dabeer
Publications	: Neelesh B. Mehta Chandra S Seelamantula
Tutorials	: Chandra R. Murthy Andrew Thangaraj Srikrishna Bhashyam
Finance Chair	: Rajesh Sundaresan Chandra R. Murthy
Publicity Chairs	: B. Sundar Rajan Gaurab Banerjee
Travel Assistance	: Rajesh Sundaresan
Local Arrangement Chairs	: K. J. Vinoy T. Srinivas S. V. Gopalaiah
Website	: P. Vijay Kumar

Contact Information: **Prof. Vinod Sharma**,
Dept. of Electrical Communication Engineering,
Indian Institute of Science, Bangalore - 560 012.
INDIA. E-mail : spcom12@gmail.com

