



SEVENTEENTH NATIONAL CONFERENCE ON COMMUNICATIONS

28-30 January 2011.

Venue: National Science Seminar Complex
Indian Institute of Science, Bangalore



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Register online at
<http://www.ncc.org.in/ncc2011>

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The National Conference on Communications is India's premier annual conference organised by the Joint Telematics Group (JTG) consisting of IITs and IISc.

The conference aims to provide a forum for researchers in communications, networking and signal processing and features technical paper sessions, tutorials and invited talks.

Conference Highlights

Plenary Speakers:

Vijay Kumar Saraswat,
Scientific Advisor to the Raksha Mantri;
Secretary, Defence R&D

Subhasis Chaudhuri, IIT Bombay

K Giridhar, IIT Madras

Invited Speakers:

A G Ramakrishnan, IISc Bangalore

Gerhard Fettweis, Technische Universität
Dresden, Vodafone Chair Mobile
Communications Systems

Srikrishna Bhashyam, IIT Madras

D. Manjunath, IIT Bombay

Ranjita Bhagwan, Microsoft Research
India

Vinay Ribeiro, IIT Delhi

Vikram Srinivasan, Bell Labs Research,
Alcatel Lucent

Ajit Rao, TI India

Arjun Arunachalam, IIT Bombay

Mahadeva Prasanna, IIT Guwahati

Tutorials:

Onkar Dabeer, TIFR Mumbai

Jishnu A, Tejas Networks

Kaushik Majumdar, ISI Bangalore
Sanjib Sinha, NIMHANS Bangalore

Jayashree Ratnam, IIT Kharagpur

Sibi Raj Bhaskaran Pillai, IIT Bombay

Shalabh Bhatnagar, IISc Bangalore

Panel discussion:

Vijay K. Bhargava, Gerhard Fettweis,
Pamela Kumar, K. Ramakrishna, Lajos
Hanzo

Technical Paper Sessions:

Communications Networks Signal Processing

*Retargeting of lecture video: Extending
the outreach of distance education*

*Reality constrained capacity – the
curious case of mobile broadband access
systems*

*Enriching quality of life through
language technology*

*Challenges in next generation cellular
communications, and possible ways
forward*

Coding schemes for bidirectional relaying

Network flows for functions

*Automating network problem diagnostics
through learning techniques*

Wireless TDMA mesh networks

*Designing wireless networks over large
and fragmented spectrum*

*Optimal systems architecture for high-
density video*

Non-Fourier encoding for fast MRI

*Speaker-specific source information from
linear prediction residual*

Collaborative filtering

Backhaul transport network

Electroencephalogram (EEG)

*Fibre to the premises: a next-generation
access network solution*

Compressed sensing and applications

Reinforcement learning – an overview

*Enhancing IEEE's role for the Indian
Engineering Community.*

Sponsors

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