

CALL FOR PAPERS

COMSNETS 2011 Workshops

(in conjunction with the *International Conference on COMMunication Systems and NETWORKS*, January 4-8, 2011)



The Chancery Pavillion, Bangalore, India



The COMSNETS workshops address distinct and focused research topics in communications and networking systems, in 1-day/2-day meetings of attendees --- unlike the main conference that addresses a broader set of themes over a 3-day period. Three workshops are in place.

WISARD Co-Chairs

Neelesh Mehta, IISc Bangalore, India
(nbmehta@ece.iisc.ernet.in)
Sharad Jaiswal, Alcatel-Lucent Bell Labs, India
(jsharad@alcatel-lucent.com)

WISARD – Wireless Systems: Advanced Research and Development

(<http://www.comsnets.org/wizard.html>)

Jan.4-5th, 2011

The workshop provides a platform for researchers from both academia and industry to present and discuss high quality research and development in the area of wireless systems. A key goal of the workshop is to expose students and researchers in India to front line research in wireless systems, and provide a platform for them to interact with leading researchers from India and abroad.

Paper/Demo submission invitation:

Authors are invited to submit papers presenting new research covering all layers of the protocol stack: physical to application. Submissions must be unpublished, original, and not more than 6 pages in length. Demo submissions should be two pages in length. We encourage submissions on wireless/network systems targeted for the developing world. Accepted full-length papers will be included in the workshop proceedings published by IEEE.

Paper submission deadline: 22 October 2010

NetHealth Co-Chairs

David Kotz, Dartmouth College, USA
(kotz@cs.dartmouth.edu)
Sathish Rath, WIPRO, India
(sathish.rath@wipro.com)

NetHealth – Networked Healthcare Technology

(<http://www.comsnets.org/nethealth.html>)

Jan.4th, 2011

The world's pressing healthcare needs may benefit from judicious application of networked information technology. Future networked information systems will support, for example, clinical workflow, remote diagnosis and consultation, e-prescribing, and mobile data collection and surveillance, disease outbreak identification and patient participation in their own wellbeing and care. The widespread availability of mobile phones, and recent experiments with low-cost, long-range broadband wireless networks, bring connectivity to all these opportunities. We encourage papers that present novel ideas for networked computing technology in support of healthcare, and which are likely to invoke thoughtful discussion at the workshop.

Paper submission deadline: 22 October 2010

Poster/demo submission deadline: 1 December 2010

IAMCOM Co-Chairs

Kaliappa Ravindran, City University of New York, USA
(ravi@cs.cuny.cuny.edu,
ravir222@yahoo.com)
Kevin Kwiat, Air Force Research Lab, USA
(kwiatk@rl.af.mil ; kwiatk@gmail.com)

IAMCOM - Intelligent Networks: Adaptation, Communication & Reconfiguration

(<http://www.comsnets.org/iamcom/index.htm>)

Jan. 5th, 2011

The IAMCOM workshop covers the area of intelligent networking to enable QoS adaptations and rich communications. Unlike the focus on telecom network signaling in the 90's, this workshop recasts intelligent networking as a holistic approach to the design of distributed networked systems by considering the cross-layer interactions between the various parts of a system. A wide range of application areas benefit from the use of intelligent techniques: QoS in data networks, automotive systems control, geo-spatial resource management, fault-tolerant & dependable communications, and emergency-response networks.

Paper submission deadline: 29 October 2010

Other Important information (for all the workshops)

Camera-Ready Submission deadline: **December 12, 2010** (this will be synchronized with the main conference camera-ready submissions).

All the workshop papers will be archived through the IEEE Xplore (the papers will be made available in the main conference CD to the attendees).

For further information, please visit the individual workshop websites and <http://www.comsnets.org>