COMSNETS 2023

15th International Conference on COMmunication Systems & NETworkS
Hybrid Conference [3 – 8 January 2023, Bangalore, India]

http://www.comsnets.org

The 15th International Conference on COMmunication Systems and NETworkS (COMSNETS) will be held in Bangalore, India, during January 3 – 8, 2023. COMSNETS is a premier international conference dedicated to advances in Networking and Communication Systems. The conference will include a highly selective technical program consisting of submitted papers, a small set of invited papers on important and timely topics from well-known leaders in the field, and poster and demo sessions of work in progress. Additionally, focused workshops and panel discussions will be held on emerging topics to allow for a lively exchange of ideas. International business and government leaders will be invited to share their perspectives and will complement the technical program.

Topics of Interest:
The topics of interest include (but not limited to) the following:

- **Wireless**
  - 5G and wireless broadband networks
  - Technologies for 60-100 GHz spectrum
  - WLAN, RFID, and NFC
  - Visible light communications
  - Heterogeneous networks (HetNets)
  - Cognitive radio and white-space networking
  - CubeSats/Satellite networking
  - Long-range/Low-power wide-area wireless networking
  - Connected unmanned aerial/terrestrial/underwater systems
- **Data Center & Edge**
  - Enterprise, data center, and storage-area networks
  - Edge & Cloud computing/networking
- **Green Networking**
  - Economics of networks
  - Energy-efficient communications
  - Sustainable Networking
- **Connected unmanned aerial/terrestrial/underwater systems**
- **Energy**
- **Economics of networks**
- **Connected unmanned aerial/terrestrial/underwater systems**
- **Blockchain & Security**
  - Network security and privacy
  - Trusted computing
  - Blockchain and Distributed Ledger
- **Testbeds**
  - Studies on testbeds and large-scale experimental platforms

In addition to research papers, COMSNETS is also interested in Experience papers that present such papers and provide detailed insights into (1) building the testbeds/platforms, (2) lessons learned, and (3) implications for further research in the relevant domain. Experience papers will follow the same submission process as the research papers with an “Experience” prefix in the title.

Papers submitted to the main conference should be prepared in standard IEEE conference format and should contain no more than eight pages of technical content, plus one page of references. We will follow a single-blind review policy. Please check the conference website for more details.

COMSNETS provides generous travel grants to International student applicants who have an accepted paper in the conference. Please see the home page for details.

Conference Highlights

Research Keynote Speakers

<table>
<thead>
<tr>
<th>Ashutosh Sabharwal</th>
<th>Margaret Martonosi</th>
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<td>Rice University</td>
<td>National Science Foundation USA</td>
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Workshops

- Cyber Security and Privacy
- MINDS
- NetHealth
- Standards Driven Research
- TASIR
- Connected Vehicles
- Autonomous Driving

Keynote, Invited, and Banquet Talks

- Tutorial Sessions
- Panel Discussions
- Technical Presentations
- Poster Sessions
- Demos and Exhibits

Technical Partner

IBM Research, USA

Invited Speakers

- Varsha Apte, IIT Bombay, India
- Baek-Young Choi, University of Missouri
- Satish K., Nokia Bell Labs, Bangalore, India
- Salil Kanhere, UNSW, Sydney, Australia
- Dinesh Rajan, Southeastern University, USA
- Shreedhak Walter, NICTA, Australia
- Mridula Singh, CSTA, Germany
- Debdeep Mukherjee, Meehoon, USA
- Dinesh Rajan, Southeastern University, USA
- Shreedhak Walter, NICTA, Australia

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