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 6-100 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

- **Architecture**
  - Network architecture, protocols & science
  - Traffic analysis and engineering
  - Caching and Content delivery systems
  - Information/Content centric networks (ICN)
  - Network management and operations
  - SDN/NFV and Network Programmability
  - Internet Measurement and Modeling

- **Mobility & IoT**
  - Mobility and location management
  - Mobile sensing
  - Vehicular networks and intelligent transportation
  - Internet of Things (IoT)
  - Smart Grid communications and networking
  - Machine Learning and AI in Networking & IoT

- **Blockchain & Security**
  - Network security and privacy
  - Trusted computing
  - Blockchain and Distributed Ledger

In addition to research papers, COMSNETS is also interested in **Experience papers** that present the details and insights from real-life testbeds and/or large-scale experimental platforms around the research topics mentioned above. Such papers should provide detailed insights into (1) building the testbeds/platforms, (2) lessons learned and (3) implications for further research in the relevant domain. Experience papers shall 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 highlights.

COMSNETS 2023

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**Invited Speakers**

- **Varsha Apte**
  - IIT Bombay, India
- **Sorav Bansal**
  - IIT Delhi, India
- **Bae-Young Choi**
  - University of Missouri – Kansas City, USA
- **Savitri K.**
  - Nokia Bell Labs, Bangalore, India
- **Saili Kanhere**
  - UNSW, Sydney, Australia
- **Gerald Karam**
  - Nokia Bell Labs, USA
- **Debdeep Mukherjee**
  - Dresden, Germany
- **Sasabose Dinesh**
  - Southern Methodist University, USA
- **Mridula Singh**
  - IETE, Bangalore, India
- **Sudhir Wadekar**
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