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 wideband wireless communications
  - 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

- **Testbeds**
  - Studies on testbeds and large-scale experimental platforms

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 should 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.

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**Conference Highlights**

**Keynote Speakers**

- **Ashutosh Sabharwal**
  - Rice University, USA

- **Margaret Martonosi**
  - National Science Foundation, USA

- **Mattia Latva-aho**
  - University of Oulu, Finland

- **Saurabh Bagchi**
  - Purdue University, USA

**Important Dates (Earlier submission is encouraged – All deadlines are firm)**

**Paper Submission**

- **Notification of Acceptance:**
  - 1st of September, 2022
- **Camera-Ready Submission:**
  - 1st of November, 2022
  - 15th of November, 2022

**Main Conference**

- **10th of November, 2022**
- **5th of December, 2022**
- **15th of December, 2022**

**Posters**

- **10th November, 2022**
- **5th December, 2022**
- **15th December, 2022**

**Demos & Exhibits**

- **10th November, 2022**
- **5th December, 2022**
- **15th December, 2022**

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