The 15th International Conference on COMmunication Systems & 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 600-1000 GHz spectrum
  - VLC, RFD, 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

- **Applications**
  - Internet of Things (IoT)
  - Mobile networking and intelligent transportation
  - Smart Grid communications and networking
  - Machine Learning and AI in Networking & IoT

Papers submitted to the main conference should be prepared in standard IEEE conference format and should contain no more than 9 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.

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 testbed/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 accepted an paper in the conference. Please see the home page for details.

### Conference Highlights

- **Keynote, invited, and Banquet Talks**
- **Mentoring Sessions**
- **Technical Papers and Poster Sessions**
- **COMSJOB**
- **Graduate Research Forum**
- **Demos and Exhibits**

**Conference Speakers**

- **Keynote Speakers**
  - Bhavish Aggarwal
  - Ola, India
  - Fireside Chat

- **Invited Speakers**
  - **Varsha Apte**
    - IT Bombay, India
  - **Sorav Bansal**
    - IIT Delhi, India
  - **Bae-Kyoung Choi**
    - University of Missouri, Kansas City, USA
  - **Satish K.**
    - Nokia Bell Labs, Bangalore, India
  - **Katrin K.**
    - UNSW, Sydney, Australia
  - **Gerald Karam**
    - Nokia Bell Labs, USA
  - **Debdeep Mukherjee**
    - Pittsburgh, USA
  - **Dinesh Rajan**
    - Southern Methodist University, USA
  - **Mridula Singh**
    - BMS College of Engineering, India
  - **Suhrid Wadekar**
    - Goodwin Procter PLC, Boston, USA

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