The 14th International Conference on COMMUNICATION SYSTEMS and NETworks (COMSNETS) will be held in Bangalore, India, during January 3 – 9, 2022. 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 works 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.

Conference organizers are monitoring the situation of COVID-19 and international travel restrictions. We are ready to take necessary steps, including transforming the conference into a hybrid experience for physical and virtual attendees, to accommodate authors who may face travel difficulties.

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

- 5G and wireless broadband networks
- Technologies for 6-12 GHz spectrum
- Edge and fog computing/networking
- Long-range/Low-power wide-area wireless networking
- Connected unmanned aerial/terrestrial/underwater systems
- CubeSats/Satellite networking
- WLAN, RFID, and NFC
- Visible light communications
- Heterogeneous networks (HetNets)
- Cognitive radio and white-space networking
- Economics of networks
- Energy-efficient communications
- Cloud Computing
- Smart Grid communications and networking
- Machine Learning and AI in Networking
- Enterprise, data center, and storage-area networks
- Internet architecture and protocols, Internet science and emergent behavior
- Mobility and location management
- Mobile sensing
- Traffic analysis and engineering
- Internet of Things (IoT)
- Caching and Content delivery systems
- Information/Content centric networks (ICN)
- Network management and operations
- Network security and privacy
- Trusted computing
- Networking science
- Networking for smarter energy and sustainability
- Vehicular networks and intelligent transportation systems
- Big Data/IoT Analytics in Networking
- 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 that are impractical in a research setup, 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.

Selected best papers from COMSNETS 2022 will be invited for submission of their significant extended versions in a special issue of Elsevier Ad Hoc Networks journal (2019 I.F. 3.643)

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

Keynote Speakers

- Dina Katabi, MIT, USA
- Arongyaswami Paurola, Stanford University, USA
- Lili Qiu, University of Texas at Austin, USA
- Rajesh Sundaresan, IISc Bangalore, India
- Ellen W. Zegura, College of Computing, Georgia Tech, USA

- Technical Papers
- Graduate Research Forum
- Panel Discussions
- Women in Engineering

Poster Session is a forum to showcase preliminary/ongoing work in the area of computer networking and communications. Accepted posters will be published in the conference proceedings.

Demos and Exhibits invites demos from researchers, startups, and corporates showcasing cutting-edge technologies and their applications. All accepted demos will be considered for the Best Demo Award.

Important Dates

Abstract/Paper Submission
- Notification of Acceptance
- Camera-Ready Submission

Main Conference
- 1st Oct. 2021
- 15 Nov. 2021

Posters
- 10th Nov. 2021
- 15 Dec. 2021

Demos
- 7th Nov. 2021
- 1st Dec. 2021

Workshops
- 10th Nov. 2021
- 10th Dec. 2021