COMSNETS 2022
14th International Conference on COMmunication Systems and NETworkS
4 – 8 Jan. 2022, Bangalore, India
http://www.comsnets.org

The 14th International Conference on Communication Systems and NetworkS (COMSNETS) will be held in Bangalore, India, during January 4 – 8, 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 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:

- 5G and wireless broadband networks
- Technologies for 6-100 GHz spectrum
- Edge and fog computing/networking
- Studies on testbeds and large-scale experimental platforms
- Long-range/Low-power wide-area wireless networking
- Connected unmanned aerial/industrial/underwater systems
- CubeSats/Satellite networking
- WLAN, RFID, and NFC
- Visible light communications
- Heterogeneous networks (HetNets)
- Cognitive radio and white-space networking
- Economies 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
- SDN/NFV and Network Programmability
- Internet Measurement and Modeling
- Networks for smarter energy and sustainability
- Vehicular networks and intelligent transportation
- 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 some travel grants to International student applicants who have an accepted paper in the conference. Please see the home page for details.

Conference Highlights

- Keynote, Invited, and Banquet Talks
- Technical Papers and Poster Session
- Graduate Research Forum
- Keynote, Invited, and Banquet Talks
- Tutorial Sessions
- Panel Discussions
- Mentoring Sessions

Co-located Workshops

- Cyber Security and Blockchain
- Standards Driven Research Workshop
- LastMileS

Important Dates

- Abstract/Paper Submission: 15th Sep. 2021
- Notification of Acceptance: 31st Oct. 2021
- Camera-Ready Submission: 15th Nov. 2021