

16th International Conference on COMmunication Systems & NETworkS
Conference | 3 – 7 January 2024, Bangalore, India
<http://www.comsnets.org>



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The 16th International Conference on COMMunication Systems and NETworkS (COMSNETS) will be held in Bangalore, India, during January 3 – 7, 2024. 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.

COMSNETS provides generous travel grants to International student applicants who have an accepted paper in the conference. Please see the home page for details.

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
 - Multimedia networking
- **Green Networking**
 - Economics of networks
 - Energy-efficient communications
 - Sustainable Networking
- **Testbeds**
 - Studies on testbeds and large-scale experimental platforms
- **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
 - Big Data and machine learning for networks
 - Web applications and content distribution
- **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
 - Crowdsourcing
- **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.

The COMSNETS main conference will now follow a double-blind review policy. Information about the authors will not be shared with the reviewers during the review process. The submitted paper should be anonymous and not have any reference to the authors names and/or institution. Authors are welcome to release their paper in a non-peer-reviewed location (such as a technical report by your institution or arXiv), but you should not broadcast information about the publication widely. For example, do not post it to large mailing lists or social media forums where PC members would easily encounter it, and do not do general press releases. Authors are also welcome to talk about their work (as work-in-progress) at local institutions. In either case, authors should be aware of PC members who might encounter the work and avoid sharing the work in a way that a PC member would encounter it.

The COMSNETS workshops will follow a double-blind review policy.

COMSNETS provides generous travel grants to International student applicants who have an accepted paper in the conference. Please see the home page for details.

- Keynote, Invited, and Banquet Talks
- Mentoring Sessions
- Technical Papers and Poster Sessions
- COMSJOB
- Startup Forum
- Graduate Research Forum
- Panel Discussions
- Co-located Workshops
- Demos and Exhibits

Workshops

- Workshop on Machine Intelligence in Networked Data and Systems
- Cyber Security and Privacy Workshop
- Workshop on Networking Humanitarian Technology for Healthcare
- Workshop on Standards-Driven Research
- QCom(P) Workshop: Workshop on Quantum Communication and Computing
- Workshop on Connected Vehicles & Autonomous Driving
- India Internet Governance Workshop (IIGW)
- Workshop on Intelligent Transportation Systems (ITS)

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

	Main Conference	Posters	Demos & Exhibits	Workshops	Graduate Forum
Paper Submission	30 October 2023	10 November 2023	22 November 2023	10 November 2023	15 November 2023
Notification of Acceptance	01 November 2023	5 December 2023	5 December 2023	3 December 2023	5 December 2023
Camera-Ready Submission	15 November 2023	15 December 2023	15 December 2023	10 December 2023	15 December 2023

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