CELEBRATING 17 YEARS OF COMSNETS
COMSNETS 2025

17th **International Conference on COMmunication Systems & NETworkS**

Conference | 6 – 10 January 2025, Bangalore, India
http://www.comsnets.org

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The 17th International Conference on COMmunication Systems and NETworkS (COMSNETS) will happen in Bengaluru, India, from **January 6 – 10, 2025**. As a leading forum for the global Networking and Communication Systems community, COMSNETS 2025 aims to foster groundbreaking research, facilitate the exchange of ideas between academia, government, and industry, and promote advancements in the field.

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
  - Localization and Sensing
- **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
- **Dataset, Benchmarks & Testbeds**
  - Studies on Testbeds
  - Large-scale Experimental Platforms
  - Benchmarked Datasets

- **Network Architecture & Operations**
  - Network architecture, protocols & science
  - Traffic analysis and engineering
  - Caching and Content delivery systems
  - Network management and operations
  - SDN/NFV and Network Programmability
  - Internet Measurement and Modeling
  - Web applications and content distribution
- **Mobility & IoT**
  - Mobility Network Management
  - Mobile Sensing
  - Vehicular Networks
  - Internet of Things (IoT)
  - Smart Grid communications
- **Blockchain & Security**
  - Network security and privacy
  - Trusted computing
  - Blockchain and Distributed Ledger
- **Semiconductors and Digital Communications**
  - Inter- and intra-chip communication
  - Peripheral Interfaces (PCIe, USB, etc.)
  - Network-on-chip (NoC) Systems

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.

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- Keynote, Invited, and Banquet Talks - Mentoring Sessions - Technical Papers and Poster Sessions - COMSJOB - Ignite Summit - 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 Standards-Driven Research - QCom(P) Workshop: Workshop on Quantum Communication and Computing - India Internet Governance Workshop (IIGW) - Workshop on Advances in Autonomous Driving and Vehicular Networks (ADVnet)

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

	Main Conference	Posters	Demos & Exhibits	Workshops	Graduate Forum
Paper Submission	15 September 2024	7 November 2024	TBD	TBD	8 November 2024
Notification of Acceptance	05 November 2024	5 December 2024	TBD	TBD	6 December 2024
Camera-Ready Submission	15 November 2024	15 December 2024	TBD	TBD	16 December 2024

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