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CSP Workshop Co-Chair
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Ritajit Majumdar, IBM Research, India
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The 19th International Conference on COMMunication Systems and NETworks (COMSNETS) will happen in Bengaluru, India, from **January 5-9, 2027**. As a leading forum for the global Networking and Communication Systems community, COMSNETS 2027 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:

Data Center and Edge Computing

- Enterprise, data center, and storage-area networks
- Edge and cloud computing
- Edge intelligence and networking
- Distributed storage
- AI for/in Data Center and Edge

Wireless

- 5G/6G and wireless cellular networks
- Millimeter-Wave and Terahertz Technologies
- WLAN, RFID, and NFC
- Visible light/optical communications
- Heterogeneous networks (HetNets)
- Cognitive radio and white-space networking
- Localization and sensing
- Integrated Sensing and Communication
- AI for Wireless
- Energy harvesting

Distributed Computing, Network Architecture and Management

- AI for Network architecture, protocols, and 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
- New advances in AI/Agentic AI for Distributed Computing
- Blockchain and Distributed Ledger

Mobility and IoE

- Mobility Network Management
- Vehicular Networks
- Internet of Everything (IoE)
- Smart Grid communications
- CubeSats/Satellite networking

Dataset, Benchmarks, and Testbeds

- Studies on testbeds
- Large-scale experimental platforms
- Benchmarked datasets
- Mobility Network Management

Green Networking

- Economics of networks
- Energy-efficient communications
- Sustainable networking
- AI for Green Networks

Security

- Security in AI; AI for Security
- Network security and privacy
- Trusted computing
- Post Quantum Cryptography

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 and workshops will 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.

EDAS link for paper submission: <https://edas.info/newPaper.php?c=35220&track=137484>

- Keynote, Invited, and Banquet Talks
- Technical Papers and Poster Sessions
- Ignite Summit
- Undergraduate Forum
- Graduate Research Forum
- Panel Discussions
- Symposium for Quantum Science and Technology (SQST)
- Co-located Workshops
- Demos and Exhibits
- Industry + Academia Research Track (I+ART)
- Women in Engineering

Workshops

- Machine Intelligence in Networked Data and Systems (MINDS)
- Cyber Security and Privacy Workshop (CSP)
- Standards-Driven Research (SDR)
- Workshop on Quantum Technologies (WQT)
- Advances in Autonomous Driving and Vehicular Networks ADVnet)
- Systems for the Future of AI/ML (SysAI)

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

	Main Conference	Posters	Demos & Exhibits	Workshops	Graduate Forum
Paper Submission	31 Aug 2026	12 Nov 2026	10 Nov 2026	15 Oct 2026	8 Nov 2026
Notification of Acceptance	05 Nov 2026	5 Dec 2026	5 Dec 2026	15 November 2026	6 Dec 2026
Camera-Ready Submission	15 Nov 2026	15 Dec 2026	15 Dec 2026	30 Nov 2026	16 Dec 2026