



ICDCN 2027

28th International Conference on Distributed Computing and Networking

4-7 Jan 2027 | National Institute of Technology Karnataka, Surathkal, India

www.icdcn.org



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Call for Papers

ICDCN is a premier international conference dedicated to advances in Distributed Computing and Communication Networks. The 28th edition will be held at NITK Surathkal, a coastal campus near Mangaluru along the Arabian Sea.

Scope and Topics of Interest

Distributed Computing

- Cloud Computing and Big Data Processing
- Concurrency, Synchronization, and Persistence
- Distributed Algorithms: Design, Analysis, and Complexity
- Distributed Computing Aspects of Blockchains
- Distributed Graph Algorithms
- Distributed Embedded Systems
- Distributed Operating Systems, Storage and Database Systems
- Distributed Quantum Computing
- Edge Computing and Mobile Offloading
- Fault-tolerance, Reliability, and Availability of Distributed Systems
- Formal Methods for Distributed Systems
- High performance Computing and Grid Computing
- Machine Learning in Distributed Computing and Networking
- Pervasive and Mobile Computing
- Scalable Distributed Systems
- Secure Multi-Party Computation
- Security, Privacy and Game Theory in Distributed Computing and Networking
- Self-organization, Self-stabilization, and Autonomic Computing
- Social Networks

Networking

- AI and ML in Communication and Computer Networks
- O-RAN and spectrum sensing/sharing
- D2D, Sensor, PAN and Mesh Networks
- Mobile Wireless Networks (5G/6G)
- Cloud, Edge, and Fog Networking
- Emerging Topics in Networks
- Emerging Network Applications
- Energy-efficient and Green Networking
- Information-centric and Content-based Networking
- Intent-based Networking and Zero-configuration Networks
- Interdisciplinary Approaches in Networking
- Internet of Things and Cyber-Physical Systems
- Internetworking Protocols & Internet Applications
- Network Function Virtualization and Software Defined Networking
- Networking and Computing for Sustainability, Society, and Development
- Censorship circumvention and net neutrality
- Datacenter networking
- Extremely high-frequency communications
- Network support for VR/AR
- Tactile Internet
- Next-generation Networks and Services
- Pervasive Networking and Sensing
- Pricing and Network Economics
- Public Safety Computing Systems
- Quantum Network Protocols
- Security, Privacy, Trust, and Game Theory in Networking
- AI for Network Security
- Social Networks
- UAV Networks and Mobile Robots
- Vehicular Networks, Smart Grids, and Smart City Applications
- Backscatter and Ultra-low Power Networks
- Challenging Network Environments (underwater, underground)
- Visible light communications (VLC)
- Testbeds, experimentations, and networked experimental platforms

Important Dates (AoE)

Full Paper Submission

July 30, 2026

Acceptance Notification

October 1, 2026

Camera-Ready Submission

October 29, 2026



Best Paper Award

The conference will consider awarding **Best Paper Awards** to outstanding submissions selected by the program committee.

The previous instances of ICDCN proceedings along with all the satellite events (posters, demo, workshops, etc.) have been published by The ACM International Conference Proceeding Series (ICPS), which is indexed by ACM, DBLP, Scopus, and other indexing bodies. The previous ICDCN proceedings are available through the ACM digital library.

ACM has introduced a new open-access publishing model for the International Conference Proceedings Series (ICPS). Authors based at institutions that are not yet part of the ACM Open program and do not qualify for a waiver will be required to pay an article processing charge (APC) to publish their ICPS article in the ACM Digital Library. To determine whether or not an APC will be applicable to your article, please follow the detailed guidance here: acm.org/publications/icps/author-guidance.

Submission Link: <https://easychair.org/conferences/?conf=icdcn2027>