

2026 IEEE INTERNATIONAL CONFERENCE ON EDGE COMPUTING & COMMUNICATIONS

<https://services.conferences.computer.org/2026/edge/>

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IMPORTANT DATES

Paper Submission
08 March, 2026
Acceptance Notifications
10 May, 2026
Camera-ready and registration
31 May, 2026

The 2026 IEEE International Conference on Edge Computing and Communications (IEEE EDGE 2026) aims to continue to be recognized as a prime international forum for both researchers and industry practitioners to exchange the latest fundamental advances in state of the art and practice of edge computing, identify emerging research topics, and define the future of edge computing.

EDGE 2026 will feature a high-quality technical program, including research tracks, tutorials, and demonstrations. An engaging industry program will also host keynotes, panels, and exhibits from leading researchers and industry leaders. Original papers that address various aspects of edge computing theories, technologies, and applications are invited. Topics of interest include but are not limited to the following:

Edge Computing Platforms

- Collaborative Edge and Cloud Computing Continuum
- Edge Computing in Multi-cloud environments
- Edge Centric Convergence of IoT and Cloud Computing
- Storage, Caching and CDN at the Edge
- Serverless Computing and FaaS on the Edge
- Hardware Accelerators for Edge Computing
- Intelligent Resource Management and Task Scheduling
- Inter-Edge Coordination and Mesh Architectures

Edge Communications

- Edge Computing and Network Functions Virtualization
- Edge Access Networks and Systems
- Edge Computing for 5G/6G Networks and Systems
- Communication Model and Protocol Optimization
- Space-Air-Ground Integrated Edge Computing (Satellite/UAV)

Secure and trustworthy Edge Systems

- QoS & QoE at the Edge
- Privacy-preserving Edge architectures
- Secure Edge computing technologies
- Blockchain/Distributed Ledger Technology (DLT) at the Edge

Artificial Intelligence and ML at the Edge

- Federated learning and Privacy respecting ML on the Edge
- Generative AI Continuum – from Edge to Cloud
- Collaborative Training Between Edge and Cloud
- AI Agent Construction under Edge Computing
- LLMs under Edge Computing
- Split Learning on the Edge

Applications on the Edge

- Edge Computing for Autonomous Systems, Smart Cities, Autonomous Driving, etc.
- Intelligent, Adaptive and Realtime Applications on the Edge
- AI Agent Applications under Edge Computing
- Digital Twin and Edge Computing
- Metaverse and Edge Computing
- Smart Water Conservancy and Edge Computing
- Smart Grid and Edge Computing
- Neuromorphic and Battery-less Computing Applications
- Spatial Computing and Extended Reality (XR) Offloading

