

Call for papers

Edge and Cloud Computing Networks (ECCN) Symposium

FCN 2026

Bologna, Italy, on Oct. 28 – Nov. 1, 2026

<http://www.future-forum.org.cn/en/fcn2026/index.html>

Co-Chairs

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Scope

The rapid advancements in computing and communication technologies have led to the emergence of edge and cloud computing networks, transforming the accessibility and location of applications, data storage, and processing resources. While cloud computing offers reliable and cost-efficient computing, there is a growing need for lower latency and real-time interactive applications that require computing centers closer to end devices. This has led to the emergence of edge computing, where small computing centers are placed in proximity to end devices for faster response times. The Edge and Cloud Computing Networks symposium focuses on topics related to all aspects of edge/cloud computing fields, and seeks original unpublished papers focusing on theoretical analysis, algorithm/protocol design, novel system architectures, experimental studies, emerging applications, standardizations, testbeds, etc. The goal is to bring together and disseminate the latest developments and technical solutions concerning all facets of the broad area of edge and cloud computing networks, including emerging intelligent and/or self-aware communications and networking technologies to improve network resource utilization and optimization, and make future communication and networking systems intelligent, autonomous, efficient, and trustworthy. The symposium calls for original, previously unpublished papers on the topics including, but not limited to, the following:

- Edge and Cloud Computing Networks for Industry IoT (IIoT)
- Performance guarantee, QoS, and QoE in Edge and Cloud systems
- Machine Learning approaches for Edge and Cloud Computing Networks
- Cloud network operating systems
- Datacenter(DC)/micro-DC network management
- Intra-cloud and inter-cloud management
- Energy-efficient algorithms, protocols, and designs for Edge and Cloud Computing Networks
- Security, privacy, trust for Edge and Cloud Computing Networks
- Mobile Edge and Cloud networking in next-generation wireless mobile networks
- Optimal resource arrangement/allocation/migration in Edge/Cloud computing centers
- Hierarchical architecture or hybrid design amid Edge/Cloud computing centers
- Software Defined Networking approaches for Edge and cloud computing
- Edge Computing for Digital Twins
- Mission-critical edge computing and networking
- Hybrid design of Edge/Cloud computing for various AI and IoT applications
- Distributed orchestration for edge and cloud computing
- Federation and overlaying in edge and cloud computing

- Serverless computing and FaaS
- Elasticity and scalability of cloud resources

Submission Guidelines

Perspective authors should follow the instructions at <http://www.future-forum.org.cn/en/fcn2026/Kit.html> to prepare their manuscripts. All papers should be submitted via EDAS. Submission information can be found at <http://www.future-forum.org.cn/en/fcn2026/Submission.html>.