

Special Issue

Emerging Networks and Systems for Edge Computing

Message from the Guest Editors

The rise of edge computing has fundamentally changed the research landscape regarding computer systems and networks. The aim of this Special Issue is to capture and present research from a wide range of emerging topics related to the modeling, design, and analysis of networks and systems for edge computing. To this end, we solicit original papers in areas including, but not limited to:

- Opportunistic computing;
- Distributed algorithms;
- Network federation;
- Service chaining for the edge;
- Distributed and decentralized system configuration and management;
- Systems and networks co-design;
- Edge AI/machine learning;
- Simulation and performance evaluation;
- Network programmability;
- Programmable data plane for edge computing;
- Secure networked system design;
- Cybersecurity for the edge;
- Vehicular (including unmanned aerial vehicle) networks;
- Network policy enforcement and validation;
- Opportunistic networking

Welcome to contribute!

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



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About the Journal

Message from the Editor-in-Chief

Network provides full coverage of all topics of interest involved in the networking area. The purpose of this journal is to bring together researchers, engineers, and students from academia and industry to present novel ideas and solid research about the theoretical and practical aspects in the application domains of communications and networks. The primary focus of the journal is on the analysis, modeling, design, simulation, and implementation of networks. This journal will also serve to attract research concerning applying networking architectures and scenarios to emerging research topics such as Internet of Things (IoT), edge computing, distributed ledger technology, among others.

Editor-in-Chief

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