Tracked for Impact Factor

Indexed in: Scopus

Emerging Networks and Systems for Edge Computing

Guest Editors:

Dr. Posco Fung Po Tso
Department of Computer Science, Loughborough University, Loughborough, UK

Dr. Takahiro Shinagawa
Information Technology Center, The University of Tokyo, Tokyo, Japan

Dr. Kiho Lim
Department of Computer Science, William Paterson University, Wayne, New Jersey 07470, USA

Deadline for manuscript submissions:
closed (29 February 2024)

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 contibute!

Special Issue