

Special Issue

Advances in Routing and Scheduling Technology for Data Communications

Message from the Guest Editors

Routing and scheduling technology serves as a building block in various types of networks. The efficiency of a routing and scheduling scheme significantly affects the quality of service (QoS). However, the rapid evolution of network technologies and the increasing demand for efficient data transfer and processing makes it challenging to design an efficient routing and scheduling scheme. This Special Issue will explore recent advancements in routing and scheduling technologies, showcasing cutting-edge research and innovative solutions that address current challenges and anticipate future trends. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Time-varying routing and scheduling;
- Energy-efficient routing and scheduling;
- Delay deterministic routing and scheduling;
- Scalable routing and scheduling;
- High-throughput routing and scheduling;
- Application-driven routing and scheduling;
- Routing and scheduling for AI;
- Routing and scheduling for VR/AR;
- Robust routing and scheduling;
- Advanced routing and scheduling protocol.

We look forward to receiving your contributions.

Guest Editors

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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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