

Special Issue

Modeling and Performance Evaluation of Computer Networks

Message from the Guest Editors

The scope of this Special Issue includes, but is not limited to, analytical modeling, algorithmic strategies, simulation-based evaluation, protocol analysis, and tools for performance benchmarking in networks such as ad hoc networks, wired/wireless LANs, sensor networks, SDN, IoT, 5G/6G, and edge computing environments. Topics like latency optimization, real-time applications, Quality of Service (QoS), traffic engineering, energy efficiency, and network reliability are particularly encouraged. Its purpose is to serve as a reference point for researchers and practitioners aiming to design, evaluate, or enhance network systems. We welcome original research articles, comprehensive reviews, and applied case studies that contribute to the development of modeling techniques, performance evaluation frameworks, and system-level analyses across diverse network types.

Guest Editors

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Deadline for manuscript submissions

10 February 2026



Electronics

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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