

Special Issue

Quality-of-Experience (QoE) or Quality-of-Service (QoS) in Emerging Networks

Message from the Guest Editor

Over the past three decades, extensive research has been devoted to understanding and enhancing quality-of-service (QoS) parameters across network layers, encompassing network, application, and service realms.

This endeavor, driven by a desire to elevate user-perceived quality—commonly referred to as quality of experience (QoE)—has witnessed significant strides.

This Special Issue aspires to curate a compendium of cutting-edge research, unveiling new perspectives on theories, methodologies, and applications of ML/AI in the quest to measure, evaluate, and optimize the QoS and/or QoE of networks and applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following topics:

- Artificial intelligence for QoS/QoE
- QoS/QoE for data analytics and machine learning
- QoS/QoE in software-defined networking
- Audio/visual/multimedia user experience
- Crowdsourcing-based QoE measurements
- Sustainability in/through QoE research
- Architectures and protocols for QoS/QoE support

I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2024)



Electronics

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About the Journal

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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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