

Special Issue

Advancements in QoS/QoE for Future Networks and Their Applications

Message from the Guest Editors

In future networks, including beyond 5G/6G networks, we expect various kinds of novel applications, such as holographic type communications, tactile internet for remote operations, and digital twins, which have a wide variety of requirements (e.g., ultra-high bandwidth, ultra-low latency, ultra-high reliability, and ultra-high security). It is challenging for the conventional QoS/QoE technologies to fully satisfy the requirements of the networks and applications. Therefore, we need to study new technologies of QoS/QoE to satisfy these requirements. For example, to provide high QoS/QoE regardless of many factors, such as network environments, media/application type, and human tastes, we need to apply AI technology to QoS/QoE. This Special Issue focuses on recent advancements in QoS/QoE technologies for future networks and their applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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