Advancements in QoS/QoE for Future Networks and Their Applications

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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.

Special Issue

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Message from the Editor-in-Chief

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