

Special Issue

Advanced Technologies for Enhancing Quality of Experience (QoE)

Message from the Guest Editors

The rapid evolution of multimedia technologies, immersive applications, and high-speed networks has fundamentally reshaped how users consume content and interact with digital services. From video streaming and conferencing to 360° video and augmented/virtual reality (AR/VR), user expectations are at an all-time high. As such, Quality of Experience (QoE) has emerged as a critical metric for assessing user satisfaction, guiding system optimization, and ensuring service differentiation. This Special Issue seeks original research, visionary ideas, and practical solutions that advance the state-of-the-art in QoE modeling, measurement, prediction, and optimization across a wide range of next-generation applications and systems. We particularly welcome interdisciplinary works that bridge technical performance with human perception and usability.

- Keywords: QoE; video streaming; AR/VR; immersive media; measurements; internet performance

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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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