Call for Papers

Elsevier Displays

Special Issue on Quality of Experience for Metaverse

Metaverse is an emerging concept which combines physical world and virtual reality. People in physical world can experience virtual scenarios and interact with each other in a fully virtual space. Nowadays, with the rapid development of extended reality, intelligent displays, user interactivity, computer graphics, communication network, and artificial intelligence technologies, it has becoming more and more convenient for users to experience and interact in the metaverse, and metaverse has also becoming a hot research topic in various technology fields. However, it has never been easier to create a perfect metaverse system which can provide great experiences and truly break down the reality and virtual barriers. For example, the qualities of metaverse contents, metaverse devices, and human-machine interactions, all make great influences to the human perceived Quality of Experience (QoE) in metaverse. Therefore, it is especially important to evaluate and guarantee the QoE in metaverse. By quantifying the human perceived QoE, we are able to build better metaverse systems and provide better services to users in various metaverse applications.

In this context, this special issue aims at publishing original research papers related to theories, algorithms, and applications for the QoE in metaverse. The main topics of interest are, but are not limited to:

1) QoE theories for metaverse;

2) Physiological and psychological studies for QoE in metaverse;

3) Subjective QoE assessment studies for metaverse;

4) Objective QoE assessment methods for metaverse;

5) QoE assessment of contents, devices, and interactions in metaverse;

6) QoE enhancement for metaverse;

7) Applications of metaverse and its QoE.

Important Dates:

Manuscript Submission Deadline: September 30, 2022

Editorial Acceptance Deadline: January 30, 2023

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Submission Guidelines:

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