Innovative Solutions for Augmented and Virtual Reality Applications

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Deadline for manuscript submissions:
closed (30 July 2022)

Message from the Guest Editors

In this Special Issue, we invite authors to submit original research articles, reviews, and viewpoint articles related to recent advances at all levels of the applications and technologies of augmented and virtual reality.

Topics of interest for this Special Issue include but are not limited to:

- Application of augmented and virtual reality to different areas of society, such as health (i.e., virtual reality exposure therapy), industry (Industry 4.0), AR/VR e-learning (according to new global aims), new building/CH management, etc.;
- Novel networking systems and protocols to enable interactive immersive applications. This includes optimizations ranging from hardware (i.e., millimeter-wave networks or optical wireless), physical and MAC layer up to the network, transport and application layers (such as over the top protocols);
- Significative advances and optimization in 3D modeling pipelines for AR/VR visualization, accessible and inclusive GUI, interactive 3D models;
- Quality of experience management of immersive media applications.

Special Issue

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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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