

Special Issue

Virtual Reality Technology: Current Applications, Challenges and Its Future

Message from the Guest Editor

As the evolution of virtual reality (VR) and related technologies such as the metaverse and spatial computing accelerates, we stand at the threshold of a new digital age. These innovations promise a future that seamlessly blends reality and virtual realms while also raising substantial challenges that demand collective deliberation and action. We urge all stakeholders—technologists, researchers, policymakers, and end-users—to collaborate and determine the future directions of these technologies. We welcome intriguing research papers on a wide array of topics, including but not limited to the following:

- The application of virtual reality to different areas, such as unmanned systems, health, industry (Industry 4.0), new buildings, emergency responses, engineering, AR/VR e-learning, clinical medicine, etc.;
- Authoring tools for simulating in VR methods for improving user experiences in immersive advanced system environments;
- Significant advances in and the optimization of 3D modeling pipelines for AR/VR visualization, accessible and inclusive GUIs, and interactive 3D models;
- etc.

Guest Editor

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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.

Editor-in-Chief

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