# Special Issue

## Novel 3D Display Technology towards Metaverse

### Message from the Guest Editor

Three-dimensional display has been humankind's dream since the birth of science. The fast-growing field of photonics, optoelectronics, and computer science has attracted broad interest in 3D development. We have never been so close to our dream of creating realistic virtual environments. Nevertheless, there are still significant challenges in 3D display. For example, the critical parameters such as field of view, resolution, 3D depth, and form factor cannot currently be satisfied simultaneously. In this Special Issue, particular focus will be paid to 3D-display-related optics and novel micro-nano technology. Potential topics include, but are not limited to, the following: (1) Novel 3D display architecture, hardware and applications; (2) Novel micro-nano optical technology for 3D display; (3) Novel optical devices for 3D display (especially welcome); (4) 3D imaging and 3D display technology. Please note that the papers of this Special Issue should be based on the scope of *Micromachines*. We look forward to receiving your contributions.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2024)

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## Editor-in-Chief

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