Computer Holography

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Message from the Guest Editor

Dear Colleagues,

Computer holography has been in development for decades since the pioneering work of Prof. Lohmann. With the developments of computer science and wavefront modulation techniques, computer holography has been widely applied in many interesting fields, such as holographic display, metasurface holography, beam shaping, optical manipulation, optical computing, and many more. In addition, the rise of deep learning also brings new optimizing tools for computer holography, which may pave an efficient way for quality 3D reconstructions. This Special Issue focuses on developments in algorithms, devices, systems, and applications for computer holographic technologies.

Special Issue