

Special Issue

Practical Computer-Generated Hologram for 3D Display

Message from the Guest Editors

It has become easy to calculate computer-generated holograms that have over billions of pixels, because the performance of computers has improved year by year. This has made it more practical to use computer-generated holograms for 3D display. There is also much research—not only calculations, but also output devices for holographic video displays and holographic printers. This Special Issue covers advanced and practical research works on computer-generated holograms, ranging from calculation algorithms, hardware accelerations, video displays, printers, compressions, photo realistic image synthesizing, colorizing, and quality assessments. We invite researchers and investigators to contribute their original research or review articles to this Special Issue.

Guest Editors

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Prof. Dr. Juan Liu

Prof. Dr. Nam Kim

Deadline for manuscript submissions

closed (31 December 2020)



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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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