Poster Presentation

# [3DSAp2/3Dp2]3D and Hyper-realistic Displays and Applications 2
2019年11月28日(木) 14:30 ～ 17:00 Main Hall (1F)

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[3DSAp2/3Dp2-26L]Interactive Holographic 3D Display System

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キーワード：interactive hologram, digital holography, 3D content, SLM

In this paper, we demonstrate that holographic 3D content of 1,024 views related with all directions of 360 degrees is calculated by FFT-based CGH algorithm and is encoded by the Burkhardt encoding. We represents it onto the interactive holographic display system, which can support wide-viewing range of 60 degrees and directly interact between the user and holographic 3D scenes.