
Poster Presentation

[3DSAp2/3Dp2]3D and Hyper-realistic Displays and Applications 2

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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

*Min Sung Yoon¹, Soo-Myung Park¹ (1. Electronics and Telecommunications Research Institute, (Korea))

Keywords: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.