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Poster Presentation

## [3Dp1/3DSAp1]3D and Hyper-realistic Displays and Applications 1

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

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10:40 AM - 1:10 PM

### [3Dp1/3DSAp1-28L]Improved Fabrication Process of Holographic Waveguide Combiner in a Head Mounted Display System

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Keywords:Holography, Waveguide, Head Mounted Display

*In this research, we propose a simplified way to expand the exit pupil of a holographic Head Mounted Display (HMD). The divergent spherical wave is transmitted in the waveguide, and a large diffraction area is formed to make an output Holographic Optical Element (HOE).*