

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)

---

10:40 AM - 1:10 PM

### [3Dp1/3DSAp1-11]Direct Light Removal and Image Quality Evaluation of Large Screen Holographic Projection

\*Shoki Kikukawa<sup>1</sup>, Tomoyoshi Shimobaba<sup>1</sup>, Takashi Kakue<sup>1</sup>, Tomoyoshi Ito<sup>1</sup> (1. Chiba University (Japan))

Keywords:Holographic Projection, Time-Division Manner, Direct Light, Sampling

In this paper, we constructed a time-division reproduction system of holographic projection using a DMD (Digital Mirror Device). We succeeded in removing the direct light in projected images and enlarging the projected images by changing a sampling pitch of the original image.