

---

Oral Presentation

## [3DSA1/3D1]Holography 1

Chair: Hoang Yan Lin (Nat. Taiwan Univ.)

Co-Chair: Takashi Kakue (Chiba Univ.)

2019年11月27日(水) 13:40 ~ 15:05 Small Hall (2F)

---

14:45 ~ 15:05

### [3DSA1/3D1-4]Analysis about system parameters of self-interference incoherent digital holographic recording system utilizing geometric phase lens

\*KiHong Choi<sup>1</sup>, Jongmin Kim<sup>1</sup>, Keehoon Hong<sup>2</sup>, Joongki Park<sup>2</sup>, Sung-Wook Min<sup>1</sup> (1. Kyung Hee University (Korea), 2. Electronics and Telecommunications Research Institute (Korea))

キーワード : Digital holography, Self-interference, Geometric phase

*Self-interference incoherent digital holography utilizing the geometric phase lens has recently been developed with a super-simple design and the compactness of system structure. In this study, some of the acquisition performance related to the system parameters are analyzed to enhance the hologram acquisition quality.*