

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)

---

14:30 ~ 17:00

### [3DSAp2/3Dp2-12]Volumetric graphics using laser-induced microbubbles in glycerin containing gold nanorods

\*Taisei Chiba<sup>1</sup>, Kota Kumagai, Yoshio Hayasaki<sup>1</sup> (1. Utsunomiya University (Japan))

キーワード : Volumetric display, Microbubble, Gold nanoparticle

A laser-induced bubble display with glycerin containing gold nanorods as a screen material was developed. The gold nanorods is used to reduce the required energy of laser pulses for the bubble formation toward a large volumetric bubble graphics.