

Short Presentation

## [PRJp1-sp]Projection Technologies

Chair: Muneharu Kuwata (Mitsubishi Elec.)

Co-Chair: Takakazu Hayashi (Okamoto Glass)

Thu. Nov 28, 2019 10:20 AM - 10:38 AM Room 108 (1F)

---

10:29 AM - 10:32 AM

## [PRJp1-sp-4]Color-changeable and touchable volumetric display by projection of aerial plasma emission

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

Keywords:Volumetric display, Projection, Plasma

Projection of volumetric images with aerial plasma voxels formed by femtosecond laser pulses was performed with two parabolic mirrors with a variable color filter. The projection enables us to change the color of voxels and touch the voxels safely.