

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)

10:32 AM - 10:35 AM

[PRJp1-sp-5L]Exploring the combination of optical components suitable for the large device to form aerial image by AIRR

*Masaki Yasugi^{1,2}, Hirotsugu Yamamoto^{1,2} (1. Utsunomiya University (Japan), 2. JST, ACCEL (Japan))

Keywords:aerial image, retro-reflection, AIRR, luminance

This paper reports comparative study of optical components to form life-scale aerial image formed with AIRR (aerial imaging by retro-reflection). We assembled four life-size aerial devices that surrounds a user. We found that locating prism-type retro-reflector above the light source and the beam splitter gives brightness and high contrast.