

Oral Presentation

## [VHF3/DES3]Virtual Reality

Special Topics of Interest on AR/VR and Hyper Reality

Chair: Takashi Shibata (Tokyo Univ. of Social Welfare)

Co-Chair: Johan Bergquist (Consultant)

Wed. Nov 27, 2019 5:00 PM - 6:30 PM Mid-sized Hall A (1F)

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6:10 PM - 6:30 PM

## [VHF3/DES3-4]Color Perception Comparison of Scene Images between Head-Mounted Display and Desktop Display

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Keywords:Color perception, Image appearance, Visual experiment, Virtual reality, CIELAB color difference

In this paper, subjective evaluation experiments using scene images were conducted to investigate the difference of luminance and chroma perception between an HMD and a desktop display. The results showed that the perception of luminance and chroma of the HMD were higher compared with those of the desktop display.