

Oral Presentation

[VHF7]Ergonomics for Display Applications II

Chair: Nobuyuki Hiruma (NHK-ES)

Co-Chair: Shin-ichi Uehara (AGC)

Fri. Nov 29, 2019 3:00 PM - 4:25 PM Mid-sized Hall A (1F)

4:10 PM - 4:25 PM

[VHF7-5L]Advanced Reflectionless Technology for Reflected Glare Reduction

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Keywords: Ambient contrast ratio, Gamut keeping ratio, Reflected glare, Surface treatment

In this paper, we propose the new surface treatment technology (A.R.T.) that can increase ACR and GKR significantly under complex illumination. A subjective experiment of visual performance is executed that the difference of subjective rating results of new and commonly surface treatments of legibility and comfort are significant under specular illumination.