

Poster Presentation

[3DSAp2/3Dp2]3D and Hyper-realistic Displays and Applications 2

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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[3DSAp2/3Dp2-16]A New 3D Display Utilizing Occlusion Effect by Frames, Gap and Bend of Side-by-Side 2D Displays over Moving Stimuli

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Keywords: occlusion effect, changing display arrangement, perceived depth

Separating two side-by-side displays with frames and gap can improve virtual perceived depth of moving stimuli behind frames and/or gap by occlusion effect, rather than displays fastening together without them. Horizontal bend and/or vertical inclination in two 2D displays and curved moving stimuli can significantly enlarge virtual perceived depth.