

Oral Presentation

## [PRJ7/LCT8]Eyewear

Special Topics of Interest on AR/VR and Hyper Reality

Chair: Dieter Cuypers (CMST)

Co-Chair: Subaru Kawasaki (JNC Korea)

Fri. Nov 29, 2019 3:00 PM - 4:20 PM Room 108 (1F)

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3:20 PM - 3:40 PM

## [PRJ7/LCT8-2]Effect of Processing Parameters on Visual Quality for Liquid Crystal Displays Compatible with Contact Lenses

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Keywords: ghest-host liquid crystal, wearable display, smart contact lens

*This paper presents the effect of processing parameters on the contrast and optical quality of guest-host liquid crystal cells intended for smart contact lens applications. The effects were measured by means of cavity interferometry and model fitting. Optical quality was qualitatively assessed by means of target images.*