

Oral Presentation

[LCT3]Advanced LCD Technologies

Chair: Hiroyuki Okada (University of Toyama)

Co-Chair: Koichi Miyachi (JSR)

Wed. Nov 27, 2019 5:00 PM - 6:20 PM Room 107 (1F)

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[LCT3-4L]Ambient Contrast Ratio Improvement of Low Reflection LCD for Automotive Application

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Keywords:low reflection, ambient contrast ratio, automotive display

A LCD for a 12.3 inch vehicle dashboard was proposed to enhance ambient contrast ratio. The LCD can achieve 0.8% reflection by using AR treatment and optimizing shielding layer material. It demonstrates high contrast ratio and color gamut under high ambient light situation.