

Oral Presentation

[LCT7/FLX5]Flexible LCDs

Chair: Shinichiro Oka (Japan Display Inc.)

Co-Chair: Toshimasa Eguchi (Sumitomo Bakelite Co., Ltd.)

Fri. Nov 29, 2019 1:20 PM - 2:50 PM Room 204 (2F)

1:45 PM - 2:10 PM

[LCT7/FLX5-2(Invited)]Ultra-high contrast OLED: Thin and light dual cell LCDs on plastic

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Keywords:OTFT, OLED, Dual Cell, HDR Displays, Flexible Displays

We report on a breakthrough approach for creating dual cell LCDs on ultra-thin plastic films that can significantly reduce inter-cell separation, resulting in a simpler construction that avoids the need for compensation films and other trade-offs. The resulting structure is particularly suited to TVs, monitors and automotive displays.