

Oral Presentation

[FMC4/LCT4]Micro LED Display

Special Topics of Interest on Micro/Mini LEDs

Chair: K Kälantär (Global Optical Solutions)

Co-Chair: Seiji Shibahara (Sony Home Entertainment &Sound Products Inc.)

Thu. Nov 28, 2019 9:00 AM - 10:20 AM Mid-sized Hall A (1F)

9:20 AM - 9:40 AM

[FMC4/LCT4-2(Invited)]A new generation of HDR display with super multi-zones mini LED

*Jianping Zheng¹, Zhuo Deng¹, Ling Wu¹, Poping Shen¹, Junyi Li¹, Jianmou Huang¹ (1. XiaMen Tianma Microelectronics Company, Ltd. (China))

Keywords:HDR Display, LCD, Super multi-zones, mini LED

We propose a new generation of HDR display with active matrix mini-LED backlight for LCD. The display enables super multi-zones display by using new type of backlight drive, which achieved better contrast and less halo defect. Through both instrument test and perception experiments, we evaluated the performance of HDR LCD.