High Resolution Display

Chair: Junichi Takeya (University of Tokyo)
Co-Chair: Hiroki Hamada (Kindai Univ.)

Wed. Nov 27, 2019 3:20 PM - 4:45 PM  Mid-sized Hall B (1F)

4:30 PM - 4:45 PM

75-inch LCD Displays with AM MiniLED Local Dimming Backlight Units on Glass

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Keywords: AM miniLED, local dimming, halo effect

We developed AM miniLED local dimming backlight systems on glass for 75-inch LCD displays, with each consisting of 5184 zones. The display achieves HDR, which is comparable to those of Dual-cells and OLEDs. In addition, the system exhibit advantages such as low fabrication cost, long life time and more energy-efficient.