

Oral Presentation

## [LCT5/FMC5]High Performance 8K LCDs

Chair: Koichi Miyachi (JSR)

Co-Chair: Toshimitsu Tsuzuki (NHK)

Fri. Nov 29, 2019 9:00 AM - 10:35 AM Mid-sized Hall A (1F)

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9:50 AM - 10:15 AM

## [LCT5/FMC5-3(Invited)]17-inch Laser Backlight LCD with 8K, 120-Hz Driving and BT.2020 Color Gamut

Yoichi Asakawa<sup>1</sup>, Ken Onoda<sup>1</sup>, Hiroaki Kijima<sup>1</sup>, \*Shinichi Komura<sup>1</sup> (1. Japan Display Inc. (Japan))

Keywords:BT.2020, LCD, Laser backlight

We succeeded in prototyping a 17-inch 8K liquid crystal display satisfying the BT.2020 specification. The pixel density of the display is 510 ppi, while its color gamut covers 98% of that of BT.2020. The liquid crystal response time is 5 ms, which is sufficient for 120-Hz driving.