

Oral Presentation

[OLED3]OLED Display

Chair: Taishi Tsuji (NIPPON STEEL Chemical &Material)

Co-Chair: Masaya Adachi (Japan Display Inc)

Wed. Nov 27, 2019 5:00 PM - 6:25 PM Room 204 (2F)

5:00 PM - 5:20 PM

[OLED3-1(Invited)]Development of Long Lifetime and High Performance OLED Display with Wide Temperature Range

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Keywords:OLED display, Lifetime, Hole-transport layer, High temperature, Automotive application

We developed the long lifetime OLED display by optimizing each organic layer materials. In particular, the optimization of a hole-transport layer material improved the lifetime of the blue-OLED significantly at high temperature such as 85 ° C. The developed OLED display would be useful for automotive application.