Oral Presentation [AMD3]Driving Technology of Micro/Mini LED Displays Special Topics of Interest on Micro/Mini LEDs Chair: Kazumasa Nomoto (Sony) Co-Chair: Keisuke Omoto (Apple) Wed. Nov 27, 2019 5:00 PM - 6:35 PM Mid-sized Hall B (1F)

5:00 PM - 5:25 PM [AMD3-1(Invited)]Crystal LED Display System for Immersive Viewing Experience *Keturbing Israela¹ Norifumi Kiluschi¹ Cashi Bim²¹ Hissochi Kedeta¹/² (1 Samu Samisandustan Saluti

*Katsuhiro Tomoda¹, Norifumi Kikuchi¹, Goshi Biwa^{2,1}, Hisashi Kadota^{1,2} (1. Sony Semiconductor Solutions Corporation (Japan), 2. Sony Corporation (Japan)) Keywords:micro LED, micro IC, Crystal LED display system, ambient contrast ratio

We developed a novel active matrix driving technology that integrates RGB micro LEDs and a micro IC in each pixel for our Crystal LED display system. With precise tiling technology, a large-scale image with immersive viewing experience can be delivered.