

iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	61. Biomedical/Neural Applications
Session Date:	August 23 (Fri.), 2024
Session Time:	13:10-14:10
Session Room:	Room E (302)

[E61-1] 13:10-13:25

Liquid-State Light-Emitting Devices for Optogenetic Manipulation of Neuronal Activity

Chang-Ki Moon (Univ. of Cologne, Germany & Univ. of St Andrews, UK), Matthias König (Univ. of Cologne, Germany), Julian F. Butscher, and Malte C. Gather (Univ. of Cologne, Germany & Univ. of St Andrews, UK)

[E61-2] 13:25-13:40

Stretchable Fabric OLED with a Single Surface Stretching Light Source: Toward Wearable Photomedical Applications

Ye Ji Shin, Eou-Sik Cho, Sang Jik Kwon, and Yongmin Jeon (Gachon Univ., Korea)

[E61-3] 13:40-13:55

Electrolyte-Gated Organic Light-Emitting Synapses

Kwan-Nyeong Kim, Huanyu Zhou, and Tae-Woo Lee (Seoul Nat'l Univ., Korea)

[E61-4] 13:55-14:10

Analysis of Electrical Noise in Micro-OLED Integrated Neural Probes to Improve Neural Recording Accuracy

Somin Lee, Jia Chee Leong, Junhee Sim, Hyunjoo J. Lee, and Kyung Cheol Choi (KAIST, Korea)