

iMiD 2020

The 20th International Meeting on Information Display
August 25 - 28, 2020 / Online Conference

Topic Title:

12. Micro-LEDs

Session Title:

01. Micro-LED Epitaxy, Chip Fabrication & Transfer, and Characteristics for Display Applications

[01_12_1772] [Invited]

Road to Ultimate Displays with MicroLED

Ying-Tsang Liu, Kuan-Yung Liao, and Yun-Li (Charles) Li (PlayNitride Display Co., Ltd., Taiwan)

[TBA] [Invited]

Micro-Transfer Printing of microLED Pixel Engines for Emissive Displays

Chris Bower (X-display, USA)

[TBA] [Invited]

Integration of III-V nanowire LEDs on Si

Katsuhiro Tomioka (Hokkaido Univ., Japan)

[01_12_1763] [Invited]

Making 3 μ m Chip Size Micro LED Display

Chieh-Ting Chen and Li-Yi Chen (Mikro Mesa Technology Co., Ltd., Taiwan)

[TBA] [Invited]

GaN-Based Nanowire Micro LEDs: Current Status, Prospects, and Challenges

Zetian Mi (Univ. of Michigan, USA)

[01_12_1788] [Invited]

MicroLEDs for Non-Display Applications

Ioannis (John) Kymissis, Zachary A. Lamport, Keith Behrman (Columbia Univ., USA), and Chang-Hyun Kim (Gachon Univ., Korea)

[01_12_1792] [Invited]

Direct Assembly of Micro LEDs and Their Thermal Management

Ju Seung Lee, Haeleen Hong, and Tae-il Kim (Sungkyunkwan Univ., Korea)

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[01_12_1767] [Invited]

Toward Ultra-High-Resolution Micro/Nano-LED Display

Sanghyeon Kim and Dae-Myeong Geum (KAIST, Korea)

[01_12_1634]

Full-Color-LED Integration by Adhesive Bonding and Epitaxial Lift-Off

Seung-Hyun Mun, Soo-Young Choi, Je-Sung Lee, Woo-Lim Jeong, Kyung-Pil Kim, and Dong-Seon Lee (GIST, Korea)

[01_12_1682]

Micro-LED Display Enables Full-Screen Fingerprint Sensors

Woo-Rim Lee, Jongbin Kim, and Seung-Woo Lee (Kyung Hee Univ., Korea)

[01_12_1409]

Temperature-Dependent Efficiency Droop in InGaN/GaN Flip-Chip Blue Micro Light-Emitting Diodes

Abu Bashar Mohammad Hamidul Islam, Tae Kyoung Kim (Sunchon Nat'l Univ., Korea), Dae San Ahn, Dong-Soo Shin, Jong-In Shim (Hanyang Univ. ERICA, Korea), and Joon Seop Kwak (Sunchon Nat'l Univ., Korea)

[01_12_1653]

Transferable Micro-LED Epitaxy for Flexible Display Technology

Young Joon Hong (Sejong Univ., Korea)