

iMiD 2020

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Topic Title: 12. Micro-LEDs

Session Title: 02. Poster Session 12

[02_12_1260]

Integrated Glass Based Mini LED Backlight

Ruoyu MA, Zezhou Yang, Liangliang Jin, Zhongbao Wu, and Zilong Zhou (BOE Tech. Group Co., Ltd., China)

[02_12_1402]

Effect of Current Stress on the Optoelectronic Performances of InGaN-Based Flip-Chip Blue Micro Light-Emitting Diodes

Tae Kyoung Kim, Abu Bashar Mohammad Hamidul Islam (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)

[02_12_1477]

Development of Metapad for Micro-LED Transfer

Jung Yup Kim (KIMM, Korea), Sejeong Won (CAMM, Korea), Yun Hwangbo, Jae-Hyun Kim (KIMM, Korea), and Hak-Joo Lee (CAMM, Korea)

[02_12_1519]

Stretchable Micro-Light Emitting Diode Arrays for Color Sensing Systems

Shin Park, Su Eon Lee, Jun Hyun Park, Young Chun Ko, Hye Young Kim, Sun Hee Lee, Jun Pyo Hwang, Seung Won Seon, Tae Sang Yu, and Bong Hoon Kim (Soongsil Univ., Korea)

[02_12_1656]

Effect of ITO Treatment on Improving the Carrier Transport in Ag/p-GaN Interface of InGaN/GaN Micro-LEDs by Originating Inhomogeneous Schottky-Barrier-Height

Tae Kyoung Kim, Abu Bashar Mohammad Hamidul Islam, and Joon Seop Kwak (Sunchon Nat'l Univ., Korea)

[02_12_1667]

The Transfer Process of the Lateral Type Vertical Type Micro LEDs

Jun-Beom Park and Tak Jeong (KOPTI, Korea)

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[02_12_1722]

Light Output Characteristics of Vertical Type AlGaInP-Based Red LEDs with Various Mesa Sizes

Je-Sung Lee, Seung-Hyun Mun, Jinsoo Kim, and Dong-Seon Lee (GIST, Korea)

[02_12_2010]

Flexible Vertical GaN MicroLEDs for Transparent Biomedical Stimulator

Sang Hyun Park (KAIST, Korea), Han Eol Lee (Massachusetts Inst. of Tech., USA), and Keon Jae Lee (KAIST, Korea)