

Topic Title: 11. Lighting Materials and Applications

Session Title: 03. Poster Session 11

[03_11_1178]

Trichogenic Stimulation via Flexible Vertical Micro LED

Han Eol Lee, Jae Hee Lee, and Keon Jae Lee (KAIST, Korea)

[03_11_1182]

Super-Thin Mini-LED BLU with Micro-Pyramids Textures

XianqinMeng, Weiting Peng, Yishan Tian, Qiuyu Ling, Wei Wang (BOE Tech. Group Co., Ltd., China), and Xiaochuan Chen (BOE Tech. Group Co., Ltd., China and Tsinghua Univ., China)

[03_11_1221]

Micro-Cavity Tandem NIR OLED for Bio/Medical Applications

Yongjin Park, Yongmin Jeon (KAIST, Korea), Hye-Ryung Choi, Kyoung-Chan Park (SNUBH, Korea), and Kyung Cheol Choi (KAIST, Korea)

[03_11_1250]

Emission of Continuously Varying Linear Polarization from a Single Substrate

Young-Kyo Seo, Yanqiu Chen, You-Jin Lee, Jae-Hoon Kim, and Chang-Jae Yu (Hanyang Univ., Korea)

[03_11_1310]

Efficient Yellow to Red Thermally Activated Delayed Fluorescence Emitters by Introducing Novel Rigid Acceptor

Soon Jae Hwang, Jee Hyun Maeng, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

[03_11_1369]

High Triplet Energy Bipolar Host Materials with Benziimidazobenzoimidazole and Dibenzofuran Moieties for Blue Thermally Activated Delayed Fluorescent Device

Hee Chang Lee, Hyuna Lee, Han Jong Yu, Young Hoon Jung, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

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[03_11_1420]

Large Scale Textile-Based Organic Light Emitting Diodes(OLEDs) with High Flexibility for Fashion Displays.

Yunha Na, Seungyeop Choi, and Kyung Cheol Choi (KAIST, Korea)

[03_11_1469]

The Key Role of Acceptor Moieties on the Structural and the Electronic Properties of Thermally Activated Delayed Fluorescence Emitters in Excited States: A Computational Study

Sunwoo Kang, Sang Ho Jeon, Young Mi Cho, and Yong Jo Kim (Samsung Display Co., Ltds., Korea)

[03_11_1515]

Donor Effect on Multi-Resonance Type Thermally Activated Delayed Fluorescence

Jae Doh Park, Han Jong Yoo, Hyuna Lee, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

[03_11_1566]

A Study on the Optimization of the Configuration of Quantum Dot Films and the Reflecting Property of Reflection Films for Edge-Lit Backlights

Gi Jung Lee, Jung Gyun Lee (Hallym Univ., Korea), Younduk Kim, Taehee Park (Cheorwon Plasma Research Inst., Korea), Young Wook Ko (GLVISON Co., Ltd., Korea), and Jae-Hyeon Ko (Hallym Univ., Korea)

[03_11_1567]

Simulation Study on the Improvement of Luminance and Color Uniformities of Advanced Backlight Units based on Quantum Dots

Jung Gyun Lee and Jae-Hyeon Ko (Hallym Univ., Korea)

[03_11_1629]

Collimation and Homogenization of Light for LED Based Systems.

Souptik Mukherjee, Li Anran, and Abhishek K. Srivastava (HKUST, Hong Kong)

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[03_11_2009]

Investigation of Generated Aggregation by a Strong Dipole Moment of Antibiotics for the Efficiency Enhancement of Organic LightEmitting Diodes

Dong Hyun Kim, Chang Min Lee, Hyung Ju Chae, Jun Su Yang, Gyu Chan Lee, Ui Jun Lee, and Seung Yoon Ryu (Korea Univ., Korea)