

iMiD 2024

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

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| Session Title: | 41. Enhanced Optical Properties of QLEDs |
| Session Date: | August 23 (Fri.), 2024 |
| Session Time: | 09:00-10:30 |
| Session Room: | Room A (Halla A) |

[A41-1] [Invited] 09:00-09:25

Light Field Manipulation of Quantum Dot Light-Emitting Diode

Taikang Ye, Guanding Mei, Qingqian Wang, and Kai Wang (Southern Univ. of Science and Tech., China)

[A41-2] [Invited] 09:25-09:50

Recent Progress in Colloidal Quantum Dot Lasers

Namyong Ahn (Yonsei Univ., Korea)

[A41-3] [Invited] 09:50-10:15

Luminescent Quantum Rods Empowering Efficiency for Next-Generation Display and Lighting Systems

M. F. Prodanov, C. Kang, J. Song, Y. Gao, Z. Liao, K. Mallem, V. Vashchenko, and Abhishek K. Srivastava (The Hong Kong Univ. of Science and Tech., Hong Kong)

[A41-4] 10:15-10:30

Development of a Sidewall Reflector for Light Recycling in Quantum Dot Organic Light-Emitting Diodes Displays

Jaedong Jang (KAIST, Korea), Hyunsu Cho, Sukyung Choi (ETRI, Korea), Hyewon Jeon (KAIST, Korea), Chan-Mo Kang (ETRI, Korea), Duk Young Jeon (KAIST, Korea), Wan Ki Bae (Sungkyunkwan Univ., Korea), Hyok-Min Youn (Dongjin Semichem Co., Ltd, Korea), Nam Sung Cho (ETRI, Korea), and Hee-Tae Jung (KAIST, Korea)