

IMiD 2024

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

Session Title:	24. Innovative Color Conversion Applications
Session Date:	August 22 (Thu.), 2024
Session Time:	09:00-10:35
Session Room:	Room H (402)
Chair(s):	Prof. Hobeom Kim (GIST, Korea) Prof. Himchan Cho (KAIST, Korea)

[H24-1] 09:00-09:15

Cavity-Based Color Conversion Layer Achieving Highly Directional Emission for Augmented Reality Micro-LED Displays

Heechan Lim and Jaesang Lee (Seoul Nat'l Univ., Korea)

[H24-2] 09:15-09:30

A New External Compensation Pixels for Micro-LED PWM Capable of Real-Time Compensation

SoYi Lee, JongBum Lee, Gi-Hong Kim, and JoonYoung Yang (LG Display Co., Ltd., Korea)

[H24-3] [Invited] 09:30-09:55

Study of Thin Film Blue-Light MicroLEDs for Microdisplay Applications

Ray-Hua Horng, Tsung-Chih Wan, Yu-Hsuan Hsu, and Yu-Yun Lo (Nat'l Yang Ming Chiao Tung Univ., Taiwan)

[H24-4] 09:55-10:10

Submicron Narrow-Band Phosphors in Luminescent Color Filters & Next Generation MiniLED and MicroLED Displays

James Murphy, Derrick Brewer, Samuel Camardello, Zeying Chen, Daniel DePuccio, Felipe Pavinatto, James Presley, Anant Setlur, Oltea Siclovan, and Aharon Yakimov (GE Research, USA)

[H24-5] [Invited] 10:10-10:35

Perovskite Nanocrystals for Down Conversion Displays and AR/VR Application Under LED Backlight

Tae-Woo Lee (Seoul Nat'l Univ. & SN Display Co., Ltd., Korea)