

# IMiD 2024

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

<b>Session Title:</b>	<b>30. [Joint Session II with ISE] Display Driving and Circuit Technologies for Next-Generation Display</b>
<b>Session Date:</b>	<b>August 22 (Thu.), 2024</b>
<b>Session Time:</b>	<b>11:00-12:20</b>
<b>Session Room:</b>	<b>Room F (303)</b>
<b>Chair(s):</b>	<b>Prof. Yoonseuk Choi (Hanbat Nat'l Univ., Korea)</b>

[F30-1] 11:00-11:20

## Adaptive Backlight Dimming Control for Low Power and High Image Quality

Ji Won Lee, Jae-Chan Cho, Jong-Sang Yoo, Jun-Young Park (LX Semicon, Korea), and Suk-Ju Kang (Sogang Univ., Korea)

[F30-2] 11:20-11:40

## Next Generation Image Reconstruction Technology of Microdisplay for XR Glasses

Minsu Jeong, Jeong Hwan Lee, Eunsu Kim, Kwangsoo Lee, and Bo-Eun Kim (RAONTECH Inc., Korea)

[F30-3] 11:40-12:00

## Research on Multidrop Configuration for D-PHY Compatibility

Khamzat, Jonggu Jeon, and Hansu Pae (Sapien Semiconductors Inc., Korea)

[F30-4] 12:00-12:20

## Micro-LED Pixel Circuits based on Thin-Film Transistors

Hwarim Im and Yong-Sang Kim (Sungkyunkwan Univ., Korea)