

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

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| Session Title: | 36. [Joint Session II] System on Chip Technology for Display |
| Session Date: | August 24 (Thu.), 2023 |
| Session Time: | 16:00-17:40 |
| Session Room: | Room D (217~218) |
| Session Chair(s): | Prof. Jang-Yeon Kwon (Yonsei Univ., Korea) Prof. Myung-Gil Kim (Sungkyunkwan Univ., Korea) |

[D36-1] [Invited] 16:00-16:20

AI SoCs for AR/VR User-Interaction

Hoi-Jun Yo (KAIST, Korea)

[D36-2] [Invited] 16:20-16:40

Silicon Backplane and SoC Considerations for Microdisplay

Bo-Eun Kim, Dongsoon Jeong, Hokwon Kim, Eun-Su Kim, Jeong Hwan Lee, Wook Hong, Joon Goo Lee, Kwang-Soo Lee, Min-Seok Kim, and Minsu Jeong (RAONTECH, Korea)

[D36-3] [Invited] 16:40-17:00

Overview of a Visually Lossless Compression for Cutting-Edge Displays

Hee-Tak Kim, Young-Jong Jang, and Byung-Soo Kim (KETI, Korea)

[D36-4] [Invited] 17:00-17:20

Energy-Efficient Fast-Driving Buffer Amplifier Designs for Fast Frame-Rate and High-Resolution Displays

Hyun-Sik Kim (KAIST, Korea)

[D36-5] [Invited] 17:20-17:40

High-k Polymer Gate Dielectrics for Thin-Film Transistor Applications

Seong Cheol Jang, Gunoh Lee, Kyung Jin Lee, and Hyun-Suk Kim (Chungnam Nat'l Univ., Korea)