

Session Title:	10. Ultra-High-Resolution Micro Display II
Session Date:	August 20 (Wed.), 2025
Session Time:	10:50-12:20
Session Room:	Room B (214~216)
Session Chair(s):	Prof. Hyunkoo Lee (Sookmyung Women's Univ., Korea) Dr. Chan-mo Kang (ETRI, Korea)

[B10-1] [Invited]

10:50-11:15

Strategies for Cost Effective Manufacturing of High Resolution MicroLED Displays for AR Applications

J. Vertommen, S. Steudel, L. Bach, and H. Hashempour (Micedi Microdisplays BV, Belgium)

[B10-2] [Invited]

11:15-11:40

Directional and Color-Pure Light Emission from RGB Organic Devices for Extended Reality Displays

A. Mohammed, A. Mikaeili, R. Taniguchi, H. Ishidai, S. Terakawa, T. Yoshizumi, M. Auffray, and F. Bencheikh (KOALA Tech. Inc., Japan)

[B10-3] [Invited]

11:40-12:05

Colloidal Quantum Dot Lasing Using Continuous-Wave Excitation

Donghyo Hahm, Changjo Kim, Tung H. Dang, Valerio Pinchetti, Clement Livache, Junho Kim, and Victor I. Klimov (Los Alamos Nat'l Lab., USA)

[B10-4]

12:05-12:20

Design of a 0.24-Inch 2-Mega Pixel LCoS Display for XR Devices with 3um Pixel

Eunsu Kim, Bonggu Hwang, Wook Hong, Junghwan Ki, and Joon Goo Lee (RAONTECH, Korea)