

IMiD 2023

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

Session Title:	35. LC Applications
Session Date:	August 24 (Thu.), 2023
Session Time:	16:00-18:00
Session Room:	Room C (216)
Session Chair(s):	Prof. Ji-Hoon Lee (Jeonbuk Nat'l Univ., Korea)

[C35-1] [Invited] 16:00-16:25

Active Reconfigurable Intelligent Surface Utilizing Liquid Crystal for 5G Communication

Boyoung Kang, Hyengcheul Choi, Changhyeong Lee, Jaewon Huh, Byoungwan Kang (Corning Tech. Center Korea, Korea), Youngno Youn, and Wonbin Hong (POSTECH, Korea)

[C35-2] 16:25-16:40

Colorimetric Detection of Various Chemicals Using Refractive Index-Adaptive Nanoporous Photonic Crystal Films

Avinash Kumar Rella, Suhyun Kim, Maibam Tarachand, Afiya Issac Kazi, Shrikant Murkute, Vineet Kumar, and Shin-Woong Kang (Jeonbuk Nat'l Univ., Korea)

[C35-3] 16:40-16:55

High Electrical Performance in Water-Borne Fluorinated Polyimide-Gated Organic Thin-Film Transistor

Dongkyu Kim, Yujin So, Hyunjin Park, Jongmin Park, Jinsoo Kim (KRICT, Korea), Hee-Tae Jung (KAIST, Korea), Jong Chan Won, and Yun Ho Kim (KRICT, Korea)

[C35-4] 16:55-17:10

Response Speed Improvement of Liquid Crystal Phase Shifter Using Twisted Nematic Configuration

Dowon Kim, Kitae Kim, and Jun-Hee Na (Chungnam Nat'l Univ., Korea)

[C35-5] [Invited] 17:10-17:35

Stretchable and Tunable Photonics Properties of Chiral Liquid Crystals

Su Seok Choi (POSTECH, Korea)

[C35-6] [Invited] 17:35-18:00

Advanced Liquid Crystal Technologies to Control Millimeter Wave Propagation Path for Next-generation Wireless Communication

Hideo Fujikake, Tomoya Haneda, Yosei Shibata, Masakazu Nakatani, and Takahiro Ishinabe (Tohoku Univ., Japan)