

Session Title:	36. Novel Liquid Crystal Displays
Session Date:	August 21 (Thu.), 2025
Session Time:	16:00–17:30
Session Room:	Room D (218)
Session Chair(s):	Prof. Kristiaan Neyts (Hong Kong Univ. of Science and Tech., Hong Kong) Dr. Kyungmin Lee (Air Force Research Lab., USA)

[D36-1] [Invited]	16:00–16:25
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Development of New Ferroelectric Liquid Crystal with High Reliability for LCOS and SLM

Tomohiro Ando, Yuta Kanamori, Manabu Nakamura, Takuya Yanagisawa, and China Imanishi
(Citizen Finedevice Co., Ltd., Japan)

[D36-2] [Invited]	16:25–16:50
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Reflective Displays Enabled by Photo-Patterned Blue Phase Photonic Crystals

Quanming Chen and Dan Luo (Southern Univ. of Science and Tech., China)

[D36-3] [Invited]	16:50–17:15
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Fluid Relaxor Ferroelectrics based on Polar Nematic Liquid Crystals: Low-Voltage Electric-Field Switching with Ultra-High Dielectric Constant

Satoshi Aya, Xinxin Zhang, Yu Zou, and Mingjun Huang (South China Univ. of Tech., China)

[D36-4]	17:15–17:30
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A Simple Baseline for Enhancing Readability in Mini-LED Displays under Diverse Ambient Lighting Conditions

Junho Heo, Jongsang Yoo, Jaechan Cho, and Yoonjong Yoo (LX Semicon Co., Ltd., Korea)