

IMiD 2024

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

Session Title:	70. LC Elastomers
Session Date:	August 23 (Fri.), 2024
Session Time:	14:50-16:20
Session Room:	Room F (303)
Chair(s):	Prof. Changyeon Lee (Chung-Ang Univ., Korea)

[F70-1] [Invited] 14:50-15:15

Formation of Orientation-Assisted Crystals based on Organic Semiconducting Materials with Liquid Crystal Alignment

Yosei Shibata, Shunsuke Natsume, Saho Ohtani, and Munehiro Kimura (Nagaoka Univ. of Tech., Japan)

[F70-2] [Invited] 15:15-15:40

Liquid Crystal Materials beyond Displays

Zhongqiang Yang (Tsinghua Univ., China)

[F70-3] [Invited] 15:40-16:05

Mechanochromic Palettes of Cholesteric Liquid Crystal Elastomers for Direct Visualization of Deformation

Hyewon Park (KAIST, Korea), Hye Joo Lee (Pukyong Nat'l Univ., Korea), Hyungju Ahn (Pohang Accelerator Lab., Korea), Woong Chan Han (Pukyong Nat'l Univ., Korea), Hee Seong Yun (KAIST, Korea), Yun-Seok Choi (Los Alamos Nat'l Lab., USA), Dae Seok Kim (Pukyong Nat'l Univ., Korea), and Dong Ki Yoon (KAIST, Korea)

[F70-4] 16:05-16:20

Liquid Crystal Elastomers with Movable Crosslinks: Strong and Switchable Adhesion via Extreme Dynamic Soft Elasticity

Subi Choi (Pusan Nat'l Univ., Korea), Ji-Hun Seo (Korea Univ., Korea), Mohand O. Saed (Univ. of Cambridge, UK), and Suk-kyun Ahn (Pusan Nat'l Univ., Korea)