

IMiD 2021

The 21st International Meeting on Information Display
August 25-27, 2021 / COEX, Seoul, Korea

Session Title:	[FB2] Oral 26. Advance in Liquid Crystal Technology
Session Date:	August 27 (Friday), 2021
Session Time:	11:00-12:10
Session Room:	Room B (103)
Session Chair(s):	Jun-Hee Na (Chungnam Nat'l Univ., Korea) Seung-Won Oh (Kangwon Nat'l Univ., Korea)

[FB2-1] [Featured Invited] **On-line (Live Streaming) / 11:00-11:30**

Foldable Nano-Phase-Separated LCDs with 2.5 mm Radius of Curvature Using Polymerization Inhibitor

Takahiro Ishinabe (Tohoku Univ., Japan)

[FB2-2] [Invited] **Off-line / 11:30-11:55**

Transfer Molecular Functions to Anisotropic Liquid Crystal Material Properties

Kwang-Un Jeong (Jeonbuk Nat'l Univ., Korea)

[FB2-3] **Off-line / 11:55-12:10**

Design of Holographic Gas Sensor Using Liquid Crystallinity

Won-Sik Kim, Inki Kim, Jin-Kang Choi, Junsuk Rho, Young-Ki Kim (POSTECH, Korea)

[FB2-4] **On-line (Pre-recorded) / On-demand**

Fabrication of Chiral M13 Bacteriophage Film by Evaporation-Induced Coating Method

Soon Mo Park (KAIST, Korea), Won-Geun Kim (Pusan Nat'l Univ., Korea), Junkyu Kim (KAIST, Korea), Eun-Jung Choi (Pusan Nat'l Univ., Korea), Hyungsoo Kim (KAIST, Korea), Jin-Woo Oh (Pusan Nat'l Univ., Korea), and Dong Ki Yoon (KAIST, Korea)

[FB2-5] **On-line (Pre-recorded) / On-demand**

Fabrication of Liquid Crystal Solitonic Structures for Physical Unclonable Function

Geonhyeong Park and Dong Ki Yoon (KAIST, Korea)

[FB2-6] [Invited] **On-line (Pre-recorded) / On-demand**

Chiral Volume Holograms Obtained by Alignment Control of Blue Phase Liquid Crystals

Hiroyuki Yoshida, Seong Yong Cho (Osaka Univ., Japan), Jun-ichi Fukuda (Kyushu Univ., Japan), and Masanori Ozaki (Osaka Univ., Japan)

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[FB2-7] [Invited]

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Polar Cholesteric Liquid Crystal Phase - Its Appearance and Electro-Optic Propertie

Fumito Araoka and Hiroya Nishikawa (RIKEN, Japan)

[FB2-8] [Invited]

On-line (Pre-recorded) / On-demand

Simple Methods for Measuring Flexoelectric Coefficients: $e_{11}+e_{33}$ with Capacitance Characteristics and $e_{11}-e_{33}$ with Disclination Lines

Yukihiro Kudoh, Noriki Shirai, Hiroki Shimoda, and Taiju Takahashi (Kogakuin Univ., Japan)

[FB2-9] [Invited]

On-line (Pre-recorded) / On-demand

Programmable Crack Patterning with Liquid Crystal Polymer Substrates

Hyun Kim (US Army Research Lab., USA)