

iMiD 2021

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

Session Title:	[FB1] Oral 23. Electro-Optical Application of LC Technology
Session Date:	August 27 (Friday), 2021
Session Time:	09:00-10:10
Session Room:	Room B (103)
Session Chair(s):	Chang-Jae Yu (Hanyang Univ., Korea) Yoonseuk Choi (Hanbat Nat'l Univ., Korea)

[FB1-1] [Invited] **On-line (Pre-recorded) / On-demand**

Self-Regulation of Infrared with a Liquid Crystal Smart Window for Energy-Saving

Seung-Won Oh (Kangwon Nat'l Univ., Korea), Sang-Hyeok Kim (Pusan Nat'l Univ., Korea),
Wook-Sung Kim (POSTECH, Korea), and Tae-Hoon Yoon (Pusan Nat'l Univ., Korea)

[FB1-2] **Off-line / 09:00-09:15**

Traveling Waves of Molecular Reorientation in Homeotropic Cells

Vitaly Petrovich Panov, Jiseon Yang, Karunarathne L. Migara, Hyun-Jin Yoon, and Jang-Kun Song (Sungkyunkwan Univ., Korea)

[FB1-3] **Off-line / 09:15-09:30**

Analysis about Novel Design of Liquid Crystal Based Floating Electrode Free Coplanar Waveguide Phase Shifter for Performance Improvement

Junseok Ma, Hyunji Shin, and Wooksung Kim (POSTECH, Korea)

[FB1-4] **Off-line / 09:30-09:45**

Form Birefringence Based +C-Plate Made by ZnO Nanorods

Jongyoon Kim, Van Chuc Nguyen, and Ji-Hoon Lee (Jeonbuk Nat'l Univ., Korea)

[FB1-5] [Invited] **Off-line / 09:45-10:10**

High-Definition Pixelated Wrinkles of Liquid Crystalline Polymer for Electro-Optics Applications

Jun-Hee Na (Chungnam Nat'l Univ., Korea)

[FB1-6] [Invited] **On-line (Pre-recorded) / On-demand**

Liquid Crystal Lens Array based on Polymer Protrusion

Fan Chu and Qiong-Hua Wang (Beihang Univ., China)

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[FB1-7] [Invited]

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Electrically Active and Thermally Responsive Liquid-Crystal Smart Window

Guan-Fu Sung, Po-Chang Wu, and Wei Lee (Nat'l Yang Ming Chiao Tung Univ., Taiwan)

[FB1-8] [Invited]

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

Photo-Induced Liquid Crystal Alignment for Light Conversion

Wanlong Zhang, Juncheng Fang (Shenzhen Univ., China), Abhishek Srivastava (Hong Kong Univ. of Science and Tech., Hong Kong), Ting Lei (Shenzhen Univ., China), Hoi-Sing Kwok (Hong Kong Univ. of Science and Tech., Hong Kong), and Xiaocong Yuan (Shenzhen Univ., China)

[FB1-9]

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

Novel Structure for 2-Dimensional Liquid Crystal Phase Grating with a Vertically Aligned Fringe-Field Switching Mode

Hyeon Seok Eo (POSTECH, Korea), Seung Won Oh (Kangwon Nat'l Univ., Korea), and Hyeon Seok Eo (POSTECH, Korea)