

<b>Session Title:</b>	<b>28. Electro-Optical Switching Devices</b>
<b>Session Date:</b>	<b>August 21 (Thu.), 2025</b>
<b>Session Time:</b>	<b>11:00-12:25</b>
<b>Session Room:</b>	<b>Room D (218)</b>
<b>Session Chair(s):</b>	<b>Prof. Satoshi Aya (South China Univ. of Tech., China) Dr. Quanming Chen (Southern Univ. of Science and Tech., China)</b>

**[D28-1] [Featured Invited]**

**11:00-11:30**

**Efficient Large-Area Chiral Liquid Crystal Devices for Large-Angle Diffraction: Technology and Applications**

Kristiaan Neyts (Hong Kong Univ. of Science and Tech., Hong Kong), Migle Stebryte (Ghent Univ., Belgium), Rohan Sharma (Hong Kong Univ. of Science and Tech., Hong Kong & Ghent Univ., Belgium), Xu Ke, Pouya Nosrathkhan, Tao Zhou, Le Zhou (Hong Kong Univ. of Science and Tech., Hong Kong), and Inge Nys (Ghent Univ., Belgium)

**[D28-2] [Invited]**

**11:30-11:55**

**Effect of Amorphous Crosslinkers on Phase Behavior and Electrooptic Response of Polymer-Stabilized Blue Phase Liquid Crystals**

Kyung Min Lee (Air Force Research Lab. & Core4ce, USA), Timothy J. Bunning, and Michael E. McConney (Air Force Research Lab., USA)

**[D28-3]**

**11:55-12:10**

**Optical Microfluidic Sensors with Functional Liquid Crystal Materials**

Kun-Lin Yang and Zongdai Liu (Nat'l Univ. of Singapore, Singapore)

**[D28-4]**

**12:10-12:25**

**Liquid Crystal Smart Windows Using Electroconvection Activated by Zwitterions**

Jeong Won Ryu, Gyu Jin Choi, and Jin Seog Gwag (Yeungnam Univ., Korea)