

Session Title: 47. LC Alignment & Defect

Session Date: August 26 (Fri.), 2022

Session Time: 09:00-10:25

Session Room: Room G (314~315)

Session Chair(s): Prof. Young-Ki Kim (POSTECH, Korea)

[G47-1] [Featured Invited]

09:00-09:30

Novel Photoalignment Technology of Liquid Crystals

Atsushi Shishido (Tokyo Inst. of Tech., Japan)

[G47-2] [Invited] 09:30-09:55

Control of Topological Defect Arrays and Pattern Formation in Nematic Liquid Crystals

MinSu Kim and Francesca Serra (Johns Hopkins Univ., USA)

[G47-3] 09:55-10:10

Self-Regulating Surface Encapsulation of Liquid Crystals

Daeseop Choi, Jun-Hyung Im, Eunsu Cho (POSTECH, Korea), Jin Seog Gwag (Yeungnam Univ., Korea), and Young-Ki Kim (POSTECH, Korea)

[G47-4] 10:10-10:25

2-Axis Control of LC Director with Pulse-Train Electric Field Waveforms

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