

<Poster>

September 5, 2024

<Odd number> 1:20 p.m. - 2:05 p.m.

<Even number> 2:05 p.m. - 2:50 p.m.

(*) Self-nominated for *Premio Iride*, the award for excellent poster presentations in 10th JILCW.

Poster No.	Presenting Author	Affiliation, Country	Title
P01*	Yu Zou	South China University of Technology, China	Extended free-energy functionals for achiral and chiral ferroelectric nematic liquid crystals: theory and simulation
P02*	Maki Ogata	Ritsumeikan University, Japan	Pressure Sensing with High Spatial Resolution through Chiral-Nematic Liquid Crystal Polymer Particles
P03*	Tatsuya Ishibe	Ritsumeikan University, Japan	Formation of Reflection Color Patterns in Liquid Crystalline Polymers via Photo-gradient Polymerization
P04*	Arushi Rawat	Ritsumeikan University, Japan	Effects of Alkyl Chain Length on Photophysical Properties of Liquid-Crystalline Gold (I) N-Heterocyclic Carbene Complexes
P05*	Takuto Ishiyama	Tokyo Institute of Technology, Japan	Effect of Polymer Concentration on Molecular Alignment Behavior under Molecular Diffusion Regime induced by Scanning Wave Photopolymerization
P06*	Shunsuke Imai	Kyoto University, Japan	Delayed Fracture via Soft Elasticity in Liquid Crystal Elastomers
P07*	Yuki Shikata	Ritsumeikan University, Japan	Controlling Uniaxial Alignment of Helical Axis in Chiral Liquid-crystalline Polymer by Photo-gradient Polymerization
P08*	Hirona Nakamura	Tokyo Institute of Technology, Japan	Single-step Fabrication of Cycloidal Molecular Alignment Patterns by Scanning Structured Light
P09*	Koudai Tanino	Kyoto University, Japan	Stretch-induced Evolution of Fingerprint Texture in Cholesteric Elastomers
P10*	Hikaru Takahashi	Chiba University, Japan	Semi-permanent Fixation of Polarization Direction Using Gentle Crystallization of Axially Polar Ferroelectric Columnar Liquid Crystalline
P11*	Hirokazu Kamifuji	Osaka University, Japan	Polarization Distribution of Ferroelectric Nematic Liquid Crystal on the Surface of Alignment Films
P12*	Jose Hernandez	Osaka University	Materials Synthesis of Various Morphologies using Variable Dimension Reactor (VDR) in Amphiphilic Solutions
P13*	Kenta Sakamoto	Osaka University, Japan	Photomagnetic response of nitroxide radical with benzil moiety in liquid crystalline nitroxide radical
P14*	Takato Mera	Oita University, Japan	Image Analysis for Mean Flow in Negative Viscous State Induced by an Electric Field

Poster No.	Presenting Author	Affiliation, Country	Title
P15*	Masaki Yamaguchi	Kyushu University, Japan	Memorable electro-birefringence effect exhibited by highly polar liquid crystals/polymer nano-composites
P16*	Takumi Matsuo	Kyushu University, Japan	High-performance pyroelectricity in the crystals prepared from electrically poled ferroelectric smectic liquid crystals
P17*	Yuuki Koyama	Ehime University, Japan	SHG simulation of ferroelectric nematic liquid crystals using FDTD method
P18	Hiroyuki Matsukizono	Kyushu University, Japan	The Effect of Linkage Structures on Liquid Crystals Showing Ferroelectric Nematic and Smectic Phases
P19	Takuro Yoshimura	Chuo University, Japan	Formation of topological defects at liquid/liquid crystal interfaces in micro-wells controlled by surfactants and light
P20	Haruka Kido	Chuo University, Japan	Illumination-Induced Solute Uptake into Liquid Crystal Droplets by excimer state of 5CB
P21	Hiroya Nishikawa	RIKEN CEMS, Japan	Ferroelectric Fluid Synthesis Factory Based on Mechanochemical Technology
P22	Attila Taborosi	Shinshu University, Japan	Simulation of alkyl sulfonated polyimides (ASPI) for the understanding of structural, proton conductivity and liquid crystal properties differences.
P23	Yuji Tsukamoto	Ehime University, Japan	Electro-Optical Behavior of Liquid Crystal Deflector with Linearly Gradient Pretilt Angle Distribution
P24	Tomoyuki Nagaya	Oita University, Japan	Negative Viscosity Induced by Electroconvection in Four Alkyl or Alkoxy Substituted Phenyl Cyclohexanecarboxylate Liquid Crystals
P25	Yuki Arakawa	Toyohashi University of Technology, Japan	Thermal and photoinduced phase transitions of imine-based twist-bend nematic liquid crystals
P26	Makiko Tanaka	The University of Electro-Communications, Japan	Controlling Morphology of Hexagonal Liquid Crystalline DNA
P27	Hirotsugu Kikuchi	Kyushu University, Japan	Ferroelectric Nematic and Smectic Phases with Spontaneous Polarization along the Director
P28	Ryotaro Ozaki	Ehime University, Japan	Geometrical Optics Analysis of Bandwidth of Selective Reflection from Patterned Cholesteric Liquid Crystals
P29	Souryu Tanabe	Kyushu University, Japan	Influence of the Frequency of Applied Voltages on the Electroconvective Pattern Dynamics in Homeotropic Nematics
P30*	Rei Amano	Kyoto University, Japan	Analysis of generalized Lebwohl Lasher model with randomness
P31*	Naoya Nonaka	Fukuoka Institute of Technology, Japan	Electric field response of nanofiber bundles consisting of stacked monodisperse nanosheets.
P32*	Hiroyuki Iwano	Fukuoka Institute of Technology, Japan	Liquid crystalline columnar nanofibers composed of metal complexes and monodisperse titania nanosheets

Poster No.	Presenting Author	Affiliation, Country	Title
P33	Keitatsu Nakamura	Kagoshima University, Japan	Demonstration of variable focus lens using liquid crystal metasurface
P34*	Kanna Kobayashi	Rikkyo University, Japan	Correlation of Thermal Diffusivity and mesogen orientation on Side-Chain Liquid crystalline polymers exhibiting Smectic Phase on Thin films
P35*	Kotaro Morimoto	Rikkyo University, Japan	Synthesis and Porous Thin Film Formation of Liquid Crystalline Block Copolymers for Construction of Thin Film Ionic Diodes
P36*	Yuno Yokota	Rikkyo University, Japan	Effects of molecular weight and main chain structures on photoinduced phase transition in a compatible blends binary liquid crystalline polymer
P37	Atsushi Shishido	Tokyo Institute of Technology, Japan	Oriented Collagen Films with High Young's Modulus Fabricated on Micrometer Grooved Polydimethylsiloxane
P38*	Dennis Kwaria	RIKEN CEMS, Japan	Helielectric Smectic C phases Generated by Spontaneous Polar and Chiral Symmetry Breaking in a Novel Polar Fluid