Poster session 1 – ILCC 2024 (Room: Versailles I/II)

Monday, 22 July, 2024, 17:30 - 19:00.		
Ident.	**Title**	**Presenting author**
PS1.1	Chiral Liquid Crystal Dimers: Synthesis, Mesomorphic Properties, and Helical Dynamics	Antonija Ožegović
PS1.2	Synthesis of Photoactive Dimers with 1,3,4-Thiadiazole Cor Unit	Jorge Vergara Catalan
PS1.3	Experimental and computational study of the effect of alkyl chains on thermal behavior of non-symmetrical Imidazophenanthroline (ImPhe)-based mesogens.	Ana Paula T. Padilha
PS1.4	Supertwisted Chiral Gyroid and Related Mesophases in Chiral and Achiral Polycatenar Compounds	Xiangbing Zeng
PS1.5	Photophysical and structural features of mono- and di-octyloxystyrylquinoxalin-2(1H)-one derivatives	Yasmim L. N. Araujo
PS1.6	Effect of Different Orientation of An Ester Group on Mesomorphic and Gelation Properties of Phenyl Benzoates Containing A Fluoroalkyl Chain	Kenta Matsumoto
PS1.7	Optical and Electronic Properties of Discotic Liquid Crystalline Metalloporphyrins	Jae-Won Ka
PS1.8	Benzyloxy-terminated Isoxazole Liquid Crystals	Aloir Antonio Merlo
PS1.9	Illuminating mesophases: Isoxazolines with carbazole moiety	Aloir Antonio Merlo
PS1.10	Photophysics Analysis Assisted by Numerical Calculations: Towards OLED Efficiency	Lorenzo Conti Serra
PS1.11	Polymer Stabilization of Nematic Liquid Crystal Confined in Stripes	Abigail Bond
PS1.12	Programming positive mechanofluorescence in liquid-crystalline elastomers	Dolores Velasco Castrillo
PS1.13	Photophysical study of symmetric triazines substituted with phenantryl for application in OLED	Bruno Zanchieta Emerim
PS1.14	Role of the fluorophore on the efficiency of force sensing liquid-crystalline elastomers	Jaume Garcia Amorós
PS1.15	Characteristics of linear and circular optical properties in different liquid crystalline phases	Mateusz Zarzeczny
PS1.16	Room-Temperature Ferroelectric Nematic Liquid Crystal Showing a Large and Diverging Density	Charles Parton-Barr
PS1.17	Liquid Crystal Elastomer Lenses	Zachary Reed Gradwell
PS1.18	Towards Glassy Columnar LC Matrices for Anisotropic TADF	Wilson Aparecido de Oliveira
PS1.19	Programmable liquid crystal based toxic gas and vapor sensors for the safety of first responders	Marianne Prévôt
PS1.20	Chiral-nematic cells with conical anchoring for wide-range adjustment of light polarization parameters	Kostikov, Denis Andreevich
PS1.21	Spontaneous emergence of structural patterns in chiral bent-core liquid crystal	Aloka Sinha
PS1.22	Liquid Crystals as Sustainable Phase - Changing Materials in Textile Engineering	Klemen Tršinar
PS1.23	Liquid crystal-promoted polymerization of RNA nucleotides	Federico Caimi
PS1.24	Anomalous dynamic scaling of an active particle embedded in a smectic liquid crystal	Yhony Mamani Arce
PS1.25	Liquid Crystal GLBT.Il: Simulating Lyotropic Nematohydrodynamics with a Julia-Based Solver - Bridging Theory and Computation	Jonathan Salmerón-Hernández
PS1.26	Photoinduced modification of cholesteric structure with tangential-conical boundary conditions	Abylgazy Sabiralievich Abdullaev
PS1.27	X-ray detected consequence of ultra-small curvature radius of smectic layers: dilation and chevron formation	Caterina Tosarelli
PS1.28	Electric field effects on N–SmA–SmC phase transitions	Maria Socorro Seixas Pereira
PS1.29	Simulation insights into mesophase formation using dissipative particle dynamics	Rachel Hendrikse
PS1.30	A compact SiPM-based neutron Time-of-Flight detector using EJ-309	Sangho Lee
PS1.31	Mixed ionic-electronic conductivity in ZnO doped tunable soft materials.	Poornima Bhagavath
PS1.32	Effect of substitution on mesomorphism in binary mixtures of Schiff base containing carboxylic acids and non-mesogenic/mesogenic benzoic acids	Srinivasulu Maddasani

Poster session 2 – ILCC 2024 (Room: Versailles I/II)

Tuesday, 23 July, 2024, 17:15 - 18:45.		
Ident.	**Title**	**Presenting author**
PS2.1	Synthesis and Mesomorphic properties of cyclotriphosphazene compounds having fluoroalkylated mesogenic cores	Hiroaki Okamoto
PS2.2	Mesomorphic and photophysical properties of new calamitic quinoxaline-based liquid crystals	José Vítor de Souza Medeiros
PS2.3	Click for Light: Synthesis of Bent (Benzothiadiazolyl)triazole Luminescent Liquid Crystals via Click Chemistry	Larissa de Souza Ferreira
PS2.4	Syntheses, Mesomorphic and Gelation Properties of Phenyl Benzoates Core Containing Fluoroalkyl Chains	Kenta Matsumoto
PS2.5	Polarized Raman spectroscopy applied to lyotropic liquid crystal	Oscar dos Santos
PS2.6	Polarized Raman spectroscopy: Study of phase transition in thermotropic liquid crystal	Oscar dos Santos
PS2.7	Analysis of the in vivo biological activity of novel synthetic angiotensin 1-7 peptides	Elena Borisova Dzhambazova
PS2.8	Probing linear dichroism and its optical orientation in perylene-derivative thin films via rotating-sample transmission spectropolarimetry	Ruan Lucas Sousa Lima
PS2.9	Gelation ability and self-assembly phenomena of liquid crystal materials having a coumarin skeleton at the terminal position	Hiroaki Okamoto
PS2.10	Non-symmetric dimeric luminescent ionic liquid crystals with FRET phenomenon	Sabrina Felippe Felippe Will
PS2.11	Synthesis, characterization and biological study of new renin-angiotensin molecules	Petar Todorov Todorov
PS2.12	Variable-dimensional reactor (VDR) for morphology control of multiple nanomaterials and their applications	Jose Andres Hernandez Gaitan
PS2.13	The influence of the relative concentrations of the surfactant $C_{12}H_{25}SO_4Na$ and co-surfactant decanol on the rheological behavior of uniaxial lyotropic lyomesophases	Anderson Reginaldo Sampaio
PS2.14	Mix And Match: Twist-Bend Nematic Behavior In Liquid Crystal Dimer Mixtures	Barbara Loska
PS2.15	Photophysics of perylene derivatives in triazine host for application in OLED	Feik Amil de Campos Junior
PS2.16	Photophysical study of symmetric triazines substituted with 4helicenyl for application in OLEDs	Daniela Moreira dos Santos
PS2.17	On a Spontaneous Polarization Induced by Chiral Additives in Smectic Liquid Crystals	Liana Bezhanova
PS2.18	New Semiconducting Mesogens by combining Subphthalocyanine Cores with Benzothienobenzothiophene Arms	Leonard Fink
PS2.19	All-atom simulations of CB6OIBeOn: a progress report	Guinan Zhao
PS2.20	Deviations from Nematic Behaviour in Polar Nematic Liquid Crystals	Kieran Fagg
PS2.21	Two-step photo-alignment to control the tilt angle of nematic liquid crystals	Francesca Serra
PS2.22	Donor and Acceptor binary mixtures of phthalocyanine mesogens and C60 derivatives: miscibility, mesomorphism and carrier mobility	Yo Shimizu
PS2.23	Liquid crystal-based sensor for the detection of Cr^{3+}, Cd^{2+}, Zn^{2+} and Pb^{2+} ions in water.	Mariana Vanessa M. Rodriguez
PS2.24	DCM Alternatives for use in Steglich Esterifications, for Green and Sustainable Liquid Crystal Syntheses	William Ogle
PS2.25	The physicochemical characterization of phosphatidic acid and diacylglycerol pyrophosphate interactions.	Edgar Eduard Kooijman
PS2.26	Inverse Design of Disclination Line Paths and Path Homotopies	Yehonatan Tsubery
PS2.27	Colloids behavior in the 3D nematic liquid crystal domain under electrical field	Ramisetti Lalitha
PS2.28	Anisotropy of Crystal Growth in Blue Phase I Transitioned from Uniformly Oriented Cholesteric Phase	Kazuma Nakajima
PS2.29	Orientational ordering of active nematics confined to a 2D nanoscopic ring-shaped cavity	Marcelo Leite Lyra
PS2.30	Temperature Reconfigurable Skyrmionic Solitons in Cholesteric Liquid Crystals	Maryam Qaiser
PS2.31	Thermo optical characterization of a liquid crystalline eutectic mixture, in differents confination condictions [1].	Manoel M. Alvino de Jesus
PS2.32	Imidazolium based benzoate carboxylates	Soeren Magnus Bauch
PS2.33	Red NIR-Emissive Crown Ether Based Clustomesogens	Sara Simonovska
PS2.34	Preparation and investigation of hemorphin peptide lyotropic liquid crystals in the presence of metal ions.	Temenuzhka H. Radoykova

Poster session 3 – ILCC 2024 (Room: Versailles I/II)

Thursday, 25 July, 2024, 16:45 - 18:15.		
Ident.	**Title**	**Presenting author**
PS3.1	Experimental and computational studies on non-symmetrical benzimidazole-based liquid crystals	Cláudia Allana Pereira
PS3.2	Electropolymerization Process applied to Liquid Crystalline Methacrylic Monomers	Eduardo Soto-Bustamante
PS3.3	Liquid Crystals and Fluorescent Properties of Molecular Hybrid *trans*-Stilbene/Isoxazole	Fabrício Luiz Faita
PS3.4	Photochemisty, AIEE and acidchromism of nonconventional 2,4,6-triarylpyridines	Kayky Augusto da Silva
PS3.5	Engineering Hydrogen Bonding in LC Star-Shaped Triazines: Semiconductivity, Chirality and Supramolecular Memory Effect	Teresa Sierra
PS3.6	New tiling modes in LC honeycombs of rod-like bolapolyphiles combining fluorinated and non-fluorinated side-chains	Christian Anders
PS3.7	Non-symmetric twisted core for discotic liquid crystals with delayed fluorescence and persistent room temperature phosphorescence	Monike da Silva Kutz
PS3.8	Perylene diimide columnar liquid crystal with spin-coated and blade-coated thin films from toluene solvent	Juliana Eccher
PS3.9	Tris(N-phenyltriazole) and 1,3,4-oxadiazole – a promising combination for star-shaped luminescent Discotic Liquid Crystals	Érica Gilioli de Oliveira
PS3.10	Photochromic bent-shaped liquid crystals derived from acylhydrazones	Antônio Palma de Freitas
PS3.11	Structural characterization of cholesterol-rich nanoemulsion (LDE) and associates	Aline Sanches Perez
PS3.12	Bent-shaped liquid crystals derived from dibenzalacetone unit	Manuela Santos Corrêa
PS3.13	Chemically Functionalized Spinorphin Peptide Nanosystems Mixed with Lyotropic Liquid Crystal Structures for Potential Application in Medicine	Stela Ivanova Georgieva Kiskinova
PS3.14	Non-symmetric tristriazolotriazines with room temperature mesomorphism	André Ferrarini
PS3.15	Study of the Influence of Molecular Structure Features on Mesophase's Thermal Stability and Formation in Nematic Liquid Crystals Using Dielectric Measurements.	Liana Bezhanova
PS3.16	The Structure of the Ferroelectric Nematic Phase: Insights from Molecular Dynamics Simulations	Mark Richard Wilson
PS3.17	New RM734-like Fluid Ferroelectrics Enabled through a Simplified Protecting Group Free Synthesis.	Calum Jordan Gibb
PS3.18	Sunlight-Fueled Broadband Tunable 3D Blue Phase Photonic Nanostructure in Molecular-Motor-Based Chiral Nematics	Chia-Rong Lee
PS3.19	Random light in strongly disturbed liquid crystals	Andrii ILYIN
PS3.20	Pumping and mixing active nematics with asymmetric inclusions	Rodrigo Carlos Viana Coelho
PS3.21	A novel B,O,N-doped mesogen with narrowband MR-TADF emission	Chris Wanner
PS3.22	Cholesterol and thiocholesterol-based supramolecular aggregates with silver nanoparticles to create novel drug nanoforms.	Gromova Yana Andreevna
PS3.23	Polarization Direction Configuration of Ferroelectric Nematic Liquid Crystals on the Surface of Alignment Films	Hirokazu Kamifuji
PS3.24	Textures in TGBA Phase	Anjuli Khandelwal
PS3.25	Drastic Hierarchical Reorganization from Ferroelectric Nematic to Helielectric SmecticC	Dennis Kwaria
PS3.26	Molecular-statistical approaches to ferroelectric nematics	Alexander Emelyanenko
PS3.27	Flow-Induced Structural Transitions in Blue Phase Crystals	Monirosadat Sadati
PS3.28	Anchoring effects on the propagation of modes in a blue phase cylindrical fiber	Carolina Valenzuela Cordova
PS3.29	Computational Method to Determine the Pitch Length in Cholesteric Liquid Crystals	Newller Marcelo Kimura