

9th Italian-Japanese Workshop on Liquid Crystals and 13th National SICL Meeting

Sunday Sept. 16th

19:30	Welcome reception Pizzeria Bella Napoli - Piazza Vittoria, Pavia (PV)
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Monday Sept. 17th

8:30	Registration	
9:30	Welcome	
Italian - Japanese session – Chair: Bellini T.		
9:40	Yamamoto J.	Slippery Interfaces
10:10	Zannoni C.	Liquid Crystals and Organic Electronics
10:40	Coffee break	
Italian - Japanese session – Chair: Yamamoto J.		
11:00	Shimizu Y.	Liquid crystalline composites as semiconducting materials
11:30	Beneduci A.	Fluorescence switchable devices based on thienoviologen liquid crystals
12:00	Lee K.W.	Polymer-Coated Slippery Substrates for High Performance Liquid Crystal Display: A Mesoscopic Numerical Study
12:30	Lunch	
Italian - Japanese session – Chair: Ikeda T.		
13:30	Serra F.	Effect of confinement on large-scale defect arrays in nematic liquid crystals
14:00	Yamaguchi R.	Effect of Critical Anchoring in Undistorted Twisted and Hybrid Aligned Liquid Crystal Cells
14:30	Bisi F.	Determination of the symmetry classes of orientational ordering tensors
15:00	Uchida Y.	Nanosheet Formation in Sandwich-like Reaction Field
15:30	Coffee break and poster session	
Italian - Japanese session – Chair: Bisi F.		
16:30	De Michele C.	Self-Assembly-Driven Liquid Crystals
17:00	Tabe Y.	Heat-driven rotation of double-twist cylinder
17:30	Zanchetta G.	Twist and shout: amplification of chirality and viscoelastic modes in the Cholesteric phase of short DNA
18:00	Yoshioka J.	Convective flow and dissipative structure in liquid crystalline droplets under temperature gradient
20:00	Dinner in Pavia	

Tuesday Sept. 18th

Italian - Japanese session – Chair: Tabe Y.		
9:00	Asquini R.	Liquid crystals embedded in poly(dimethylsiloxane) photonic devices: modeling and fabrication issues
9:30	Matsuyama A.	Uniaxial and Biaxial nematic phases of banana-shaped molecules and its external fields effects
10:00	Vita F.	Ubiquity of Cybotactic Order: the Nematic Phase of All-Aromatic Mesogens
10:30	Coffee break	
Italian - Japanese session – Chair: Zannoni C.		
11:00	Domenici V.	Nanostructured Composites Based on Liquid Crystalline Elastomers
11:30	Ikeda T.	Photomobile Polymer Materials: Towards Micro Soft Robots
12:00	Piccirillo B.	Wavefront Engineering and Sensing based on Liquid Crystal-based Geometric Phase Optical Elements
13:00	Lunch	
15:00	Excursion to Pavia and Certosa di Pavia	
18:30	Leaving for social dinner in Oltrepo	

Wednesday Sept. 19th

SICL session – Chair: Zanchetta G.		
9:00	Ferrarini A.	TUTORIAL - Chirality in liquid crystals
9:45	Turco V.	Light Scattering by Cholesteric Spherulites
10:10	Bruno M.D.L.	Tunable lasing from DD-CLC microdroplets
10:35	Coffee break	
SICL session – Chair: Nava G.		
11:00	Fraccia T.P.	Liquid crystal ordering of mono-nucleotides in backbone-free DNA exhibiting Watson-Crick selectivity
11:25	Adamo F.C.	Surface anchoring of bent-core mesogens: an X-ray investigation
11:50	Di Leo S.	Phase separations, liquid crystal ordering and molecular partitioning in mixtures of PEG and DNA oligomers
12:15	Rossi O.	Effect of Epoxidized Soybean Oil on Mechanical Properties of Bitumen and Aged Bitumen
12:40	Hakemi H.A.	Industrial Evolution of Polymer Dispersed Liquid Crystal Technology
13:05	Lunch	
SICL session – Chair: D'Alessandro A.		
14:30	De Luca G.	TUTORIAL - NMR Spectroscopy as a powerful tool to study liquid crystal materials
15:15	Cifelli M.	A multinuclear NMR study of a thermotropic ionic liquid crystal
15:40	Ferreira de Souza R.	PUCCI PRIZE - Beyond the rigid static models for liquid crystals: Flexible or active particles
16:15	Coffee break	
16:45	SICL assembly	
20:00	Dinner	

Thursday Sept. 20th

SICL session – Chair: Fraccia T.P.		
9:00	Simoni F.	TUTORIAL - Nonlinear optics with liquid crystals: concepts, applications and recent achievements
9:45	Pasini P.	Monte Carlo Study of Slot-waveguide Liquid Crystal Phase Shifters
10:10	Szerb E.I.	Liquid crystalline assemblies formed in water by transition metal complexes
10:35	Coffee break	
SICL session – Chair: Virga E.		
11:00	Umeton C.P.	Photo-thermal Effects Induced by Metal Nanoparticle in Liquid Crystals with Variable Alignment
11:25	D'Urso C.	Partially Ordered Condensed Fluids Investigated by Monte Carlo Simulation: two studies
11:50	Greco C.	Sanidic Lamellar-like Morphologies of Conjugated Polymers: a Symmetry-Inspired Coarse-Grained Model
12:15	Berardi R.	Soft-shell models for the computer simulations of liquid crystalline polymers and elastomers
12:40	Lunch	