

Tuesday, July 5

Time	Abstract No.	Presenting Author	Affiliation, Country	Title	
Chair: A. d'Alessandro					
12:30-12:55	I01	Alfredo Mazzulla	CNR-NANOTEC, Italy	Self-assembling and manipulation of nanoparticles in topological defects	Invited
12:55-13:20	J01	Hiroyuki Yoshida	Osaka University, Japan	Controlling particles and light with patterned liquid crystals	Invited
13:20-13:45	I02	Giuseppe Strangi	Case Western Reserve University, USA	Liquid Crystals and Plasmonic Nanostructures: Opportunities and Challenges	Invited
13:45-14:00	C01	Yo Shimizu	National Institute of Advanced Industrial Science and Technology, Japan	Novel bimesomorphic liquid crystals exhibiting calamitic and discotic mesophases by rod-disc anisotropy change of molecule : chain-length dependent conformation in SmA phase	
Chair: C. Zannoni					
14:35-15:00	J02	Yoshiaki Uchida	Osaka University, Japan	Cholesteric Liquid Crystalline Microcapsule as Multifunctional Photonic System	Invited
15:00-15:25	I03	Paolo Pasini	National Institute for Nuclear Physics (INFN), Italy	Monte Carlo simulations of some confined nematic systems	Invited
15:25-15:50	J03	Jun-ichi Fukuda	AIST, Japan	Confocal microscope images of cholesteric blue phases: Numerical Study	Invited
15:50-16:05	C02	Makina Saito	Kyoto University, Japan	Microscopic Dynamics in Smectic and Smectic Blue Phases Revealed by New Gamma-Ray Quasi-Elastic Scattering Technique	
Chair: S Kutsumizu					
16:35-16:50	C03	Kiyoshi Kanie	Tohoku University, Japan	Structure-Dependent Photoluminescence Behavior of Liquid-Crystalline CdS-based Self-Organized Organic-Inorganic Hybrid Dendrimer	
16:50-17:15	J04	Hirimitsu Maeda	Ritsumeikan University, Japan	π -Electronic Ion-Pairing Dimension-Controlled Assemblies	Invited
17:15-17:40	I04	Roberto Bartolino	University of Calabria and CNR, Italy	<part 1> Ordering and alignment of functional nanoparticles in defect arrays of smectic liquid crystals <part 2> STAR:a new international facility for the soft matter	Invited
17:40-18:05	J05	Takashi Kato	The University of Tokyo, Japan	Functional Liquid-Crystalline Assemblies for Energy, Resources and Environment	Invited

Wednesday, July 6

Time	Abstract No.	Presenting Author	Affiliation, Country	Title	
Chair: K. Saito					
9:20-9:45	J06	Shohei Saito	Kyoto University, Japan	Light-Melt Adhesive Based on a Photoresponsive Columnar Liquid Crystal	Invited
9:45-10:00	C11	Kenji Urayama	Kyoto Institute of Technology, Japan	Periodic Surface Undulation in Cholesteric Liquid Crystal Elastomers	
10:00-10:15	C04	Kazuyuki Hiraoka	Tokyo Polytechnic University, Japan	Stimuli-responsive properties of liquid-crystalline elastomers	
10:15-10:40	I06	Antonio d'Alessandro	Sapienza University of Rome, Italy	Microoptofluidics using PDMS and liquid crystals: fabrication technology and devices	Invited
Chair: P. Pasini					
11:05-11:30	I07	Tommaso Bellini	University of Milano, Italy	Liquid crystals and DNA: a stable and intimate liaison	Invited
11:30-11:55	J07	Kazuya Saito	University of Tsukuba, Japan	Preference for Gyroid Structure: A Molecular Aspect	Invited
11:55-12:10	C05	Shoichi Kutsumizu	Gifu University, Japan	Library Synthesis of Bicontinuous Cubic Mesogens Based on 1,2-bis(4'-n-alkoxyaryloyl)hydrazines	
Chair: H. Kikuchi					
15:30-15:45	C06	Takayuki Narumi	Kyushu Sangyo University, Japan	Statistical-Physical Analyses for Transport Phenomena of Spatiotemporal Chaos in Electroconvective Systems of Nematic Liquid Crystals	
15:45-16:10	I08	Ugo Zammit	Università di Roma "Tor Vergata", Italy	Phase transitions in liquid crystals with colloidal particle suspensions analyzed by simultaneous specific heat, thermal conductivity and polarization microscopy evaluations.	Invited
16:10-16:35	J08	Yuka Tabe	Waseda University, Japan	Rotating SmE films under electron beam irradiation	Invited
16:35-16:50	C07	Hideo Takezoe	Toyota Physical and Chemical Research Institute, Japan	Photo-addressed Nematic Microrotor	
Chair: H. Moritake					
17:20-17:45	I09	Liana Lucchetti	Università Politecnica delle Marche, Italy	New perspectives of light-induced effects in liquid crystals	Invited
17:45-18:10	I10	Lorenzo Marrucci	University of Naples Federico II, Italy	Q-plates, their applications and a conceptual generalization	Invited
18:10-18:25	C08	Shunsuke Kobayashi	Tokyo University of Science, Yamaguchi, Japan	Liquid Crystal Devices Enabling High Speed response Through Devising Used Optical Compensators	

Thursday, July 7

Time	Abstract No.	Presenting Author	Affiliation, Country	Title	
Chair: Y. Tabe					
9:20-9:45	J09	Takahiro Seki	Nagoya University, Japan	Free surface command layer for the photoalignment of liquid crystalline polymers	Invited
9:45-10:10	I11	Claudio Zannoni	University of Bologna, Italy	Surface Alignment and Anisotropic Wetting of Liquid Crystals	Invited
10:10-10:25	C09	Satoshi Aya	Riken, Japan	Eccentric temperature dependence of anchoring behaviors triggered by dual-surface easy axes competition	
Chair: I. Nishiyama					
10:50-11:15	I12	Alberta Ferrarini	University of Padova, Italy	The twist-bend nematic phase: a molecular view	Invited
11:15-11:30	C10	Akihiko Matsuyama	Kyushu Institute of Technology, Japan	Phase transitions in mixtures of a cholesteric and a nematic liquid crystal	
11:30-11:55	I13	Oriano Francescangeli	Università Politecnica delle Marche, Italy	Search for Biaxiality in the Cybotactic Nematic Phase of New Oxadiazole Bent-Core Mesogens	Invited
11:55-12:20	J10	Jun Yamamoto	Kyoto University, Japan	Phantasmagoric liquid crystals	Invited