P R O G R A M

	Sunday Sept 30	Monday Oct 1	Tuesday Oct 2	Wednesday Oct 3	Thursday Oct 4	Friday Oct 5
MORNING	REGISTRATION	PLENARY	PLENARY	PLENARY	PLENARY	PLENARY
		TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS
		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
		TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS	TECHNICAL SESSIONS
		LUNCH	LUNCH	BBQ LUNCH AT INAOE	LUNCH	LUNCH
EVENING	TUTORIALS	TECHNICAL SESSIONS	TECHNICAL SESSIONS	PYRAMID VISIT	TECHNICAL SESSIONS	TECHNICAL SESSIONS
		COFFEE BREAK	COFFEE BREAK		COFFEE BREAK	COFFEE BREAK
		POSTER SESSION I	POSTER SESSION II	TECHNICAL SESSIONS	POSTER SESSION III	CLOSING CEREMONY
	WELCOME RECEPTION	DINNER	WELCOME RECEPTION DINNER	DINNER	DINNER	

Special Event Program

Wellcome reception

Sunday, September 30, 20:00-22:00. NH Hotel Puebla
NH Hotel

Conference Reception

Tuesday October 2, 20:00-23:00

BBQ Picnic at the Gardens of the Instituto Nacional de Astrofisica, Optica y Electronica

Wednesday October 3, 12:45-15:00

Visit to Cholula City

Wednesday October 3, 15:00-17:00. Visit to the archeological site including a tour inside of the largest pyramid in the world

Closing Reception

Friday October 5, 18:00 – 21:00 Puebla Tourism Office.

SUNDAY SEPTEMBER 30

12:00	Registration Opens
	TUTORIALS
17:00-17:50	Electroptical effects in liquid crystals
	Presented by Lev Blinov
	Laboratorio Regionale LICRYL INFM-CNR, University of Calabria, &Institute of Crystallography, Russian Academy of Sciences
18:00-18:50	Liquid Crystals Waveguides
	Presented by Tomasz Wolinski
	Faculty of Physics, Warsaw University of Technology. Poland
19:00-19:50	Nonlinear Optics of Liquid Crystals
	Presented by Y. R. Shen
	Physics Department, University of California. USA
20:00-22:00	Welcome Reception

MONDAY OCTOBER 1

Time		Presenter	LIQUID CRYSTAL DISPLAYS
8:00-8:40	PL-1	Sin-Doo Lee, Yong-Woon Lim, Dong-Woo Kim, and Chang-Hwan Kwak	An imprinted liquid crystalline polymer film as in-cell patterned retarder and alignment layer for transreflective liquid crystals displays
8:40-9:10	O-1I	P.A. Breddels	Trends and Advances in Developments of Liquid Crystal Mixtures for TFT LCDs (Invited)
9:10-9:40	O-2I	Shin-Tson Wu, Ruibo Lu, and Sebastian Gauza	Recent Advances in LED-lit LCD TVs (Invited)
9:40-10:00	O-3	J. Parka, J. Krupka, K. Czupryński	Liquid crystal anisotropy properties and possibility of their application
10:00-10:30			**Coffee Break**
			LIQUID CRYSTAL LASERS
10:30-11:00	O-4I	L.M. Blinov	Dye microlasers and microamplifiers on liquid crystals (Invited)
11:00-11:20	O-5	M.Ozaki, Y.Matsuhisa, Y.Takao, H.Yoshida, A.Fujii, Y.Huang, Y.Zhou, and S.-T.Wu	Lowering of Lasing Threshold based on Band-Edge Excitation and Photon Localization in Chiral Liquid Crystals
11:20-11:40	O-6	G. Strangi, S. Ferjani, F. Carbone, V. Barna, A. De Luca and C. Versace	Laser Action in Nematic Liquid Crystals: from Partially Ordered to Turbulent Systems
11:40-12:00	O-7	Alessandro Veltri, Melissa Infusino, Sameh Ferjani, Giuseppe Strangi	Model for light scattering and lasing in dye-doped nematic liquid crystals
12:00-12:20	O-8	V.A. Belyakov	Low threshold DFB lasing at the edge and defect modes in chiral liquid crystals
12:20-12:40	O-9	A. Mazzulla, G. Cipparrone, R. Barberi, M. P. De Santo, M. A. Matranga, G. Chilaya , A. Chanishvili, G. Petriashvili	Broadband tunable ultraviolet-visible cholesteric liquid crystal lasers: new strategies and developments
12:40-15:40			**Lunch Break**
			NEW APPLICATIONS
15:40-16:10	O-10I	Lorenzo Marrucci	Generation of helical modes of light by spin-to-orbital angular momentum conversion in inhomogeneous liquid crystals (Invited)
16:10-16:30	O-11	M.G. Tomilin	LC vision application to objective detecting solutions smell and taste
16:30-16:50	O-12	Hongwen Ren, David W. Fox, Benjamin Wu, and Shin-Tson Wu	Tunable focus liquid crystal lens
16:50-17:20	O-13	Wolfgang Haase, Ivan Chernyaev, Anastasia Suvorova , Nataliya Kundikova , Fedor Podgornov	Optimization of polarimetric properties of FLC modulators
17:20-17:40	O-14	Gunther Hennrich	Simple, efficient NLO devices based on columnar liquid crystals form octopolar mesogens
16:50-17:20			**Coffee Break**
17:20-19:20			**POSTER SESSION I**
19:20-21:00			**Dinner**

TUESDAY OCTOBER 2

Time		Presenter	PHOTOACTUATION
8:00-8:40	PL-2	Tomiki Ikeda, Munenori Yamada, Mizuho Kondo, Jun-ich Mamiya, Motoi Kinoshita, Yanlei Yu	Photomobile Polymer Materials – toward Light-Driven Plastic Motors
8:40-9:10	O-15I	Saulius Juodkazis and Hiroaki Misawa	Laser manipulation and characterization of liquid crystal droplets (Invited)
9:10-9:30	O-16	Marenori Kawamura, Hiroyuki Umeda, Junji Onishi, Mao Ye and Susumu Sato	Laser manipulator for rotating microscopic trapped particles by using liquid crystal optical devices
9:30 – 9:50	O-17	U. A. Hrozhyk, S. V. Serak, N. V. Tabiryan T.J. White, T.J. Bunning	The mechanism of large and high-speed photocontrol ability of azobenzene elastomers
09:50-10:20			**Coffee Break**
			HYBRID ELECTRO-OPTICAL SYSTEMS I
10:20-10:50	O-18I	A. Miniewicz, J. Mysliwiec, P. Pawlaczyk, and M. Zielinski.	Photorefractive-like all-optical switching in nematic - photoconducting polymer liquid crystal cell (Invited)
10:50–11:10	O-19	Wolfgang Haase , Fedor Podgornov, Anastasia Suvorova	Physical properties of FLC/SWCNT and FLC/TiO2 nanocomposites: comperative analysis
11:10-11:30	O-20	Y. Reznikov, O. Buchnev M. Kaczmarek, I. Nandhakumar	Ferroelectric nanoparticles in low refractive index liquid crystals as high performance optical materials
11:30–11:50	O-21	Anatoliy Glushchenko, Dean Evans, Yuri Reznikov, John West	Stressed liquid crystals / ferroelectric nanoparticles composites
11:50-12:20	O-22I	D. R. Evans, G. Cook, J. L. Carns, and M. A. Saleh	Holographic and Nonholographic Organic/Inorganic Hybrids
12:20-12:40	O-23	P. Pagliusi, G. Cipparrone, C. Provenzano	Surface-Induced Photorefractivity in Twistable Nematics: Toward the All-Optical Control of Gain
12:40-15:40			**Lunch break**
			HYBRID ELECTRO-OPTICAL SYSTEMS II
15:40-16:00	O-24	G. Cook, A. V. Glushchenko, V. Reshetnyak, M. A. Saleh, D. R. Evans	Hybrid Liquid Crystal Inorganic Photorefractives
16:00–16:30	O-25I	V. Reshetnyak, T.J. Sluckin, G. Cook and D. R. Evans	Theoretical Studies of Photorefraction in Hybrid Liquid Crystal Inorganic Cell (Invited)
16:30-16:50	O-26	Hakob Margaryan, Vladimir Aroutiounian, Vahan Babajanyan, Nune Hakobyan, Davit Harutyunyan, Valeri Abrahamyan	Some peculiarities of photorefraction in nematic liquid crystal cells with a semiconductor substrate
16:50-17:20	O-27I	I.C. Khoo	Supra-nonlinear Nano-Dispersed Liquid Crystalline Negative- and Zero-Index Optical Meta-Materials (Invited)
17:20–17:40			**Coffee break**
17:40-19:40			**POSTER SESSION II**
19:40-21:40			**Wellcome Reception Dinner**

WEDNESDAY OCTOBER 3

Time		Presenter	NONLINEAR OPTICS
8:00-8:40	PL-3	F.Simoni, L.Lucchetti, C.S. Suchand Sandeep	The never ending story of the amazing nonlinearity of liquid crystals: at glance determination of sign of nonlinear refractive index
8:40-9:00	O-28	A. Rosales-Rodriguez, R. Ortega-Martinez, E. Reynoso-Lara, M.L. Arroyo-Carrasco, C.G. Treviño-Palacios, O. Baldovino-Pantaleon, R. Ramos-Garcia, M.D. Iturbe-Castillo	Neither Kerr nor thermal nonlinear response of dye doped liquid crystal characterized by the Z-scan technique
9:00-9:20	O-29	L. Su, L. Sukhomlinova, V. Bodnar, B. Taheri and T. Kosa	Photo-induced dichroism of photochromic dye-liquid crystal mixtures
9:20–9:40	O-30	A. S. Zolot'ko, I. A. Budagovsky, V. N. Ochkin, M. P. Smayev, A. Yu. Bobrovsky, V. P. Shibaev, and M. I. Barnik	Light-induced director reorientation in NLCs doped with absorbing high-molecular compounds
9:40-10:00	O-31	Jeroen Beeckman, Kristiaan Neyts, Marc Haelterman	Induced modulation instability and recurrence in nonlocal nonlinear media
10:00–10:20	O-32	S. H. Mousavi, M. H. Majles Ara, F. Soheilian, E. Koushki, S. Salmani	Characterization of Optical Nonlinearity in Dye-Doped Nematic Liquid Crystal Using Single Beam Techniques
10:20-10:50			**Coffee break**
			GRATINGS
10:50-11:20	O-33I	Vincent P. Tondigliaa, Richard L. Sutherlanda, Lalgudi V. Natarajana, Pam. Lloyd, Timothy J. Bunning	Improvisation of electro-optical properties of HPDLC gratings by in situ shearing during holographic recording (Invited)
11:20-11:40	O-34	Gianluigi Zito, Enrico Santamato, Volodymyr Tkachenko, Antigone Marino, Giancarlo Abbate	Single beam patterning of 1D, 2-D, and 3-D liquid crystal and polymer composites for photonic applications
11:40–12:00	O-35	Esmaeil Banaei and Ezzedin Mohajerani	A Novel Tunable Grating Based on Polymer Stabilized Liquid Crystals with High Diffraction Efficiency and Polarization-Independent Performance
12:10-12:20	O-36	Andrey E. Miroshnichenko , Etienne Brasselet and Yu. S. Kivshar	Optical Fréedericksz transition in periodic dielectric structures
12:45-15:00			**BBQ Picnic at the Instituto Nacional de Astrofisica, Optica y Electronica**
15:00-17:00			**VISIT TO THE 2000 YEAR OLD CHOLULA CITY**
			LCP
18:00-18:30	O-37I	J. Stumpe, R. Rosenhauer, Ch. Kempe, B. Sapich, Th. Fischer, R. Giménez, M. Piño, J. L. Serrano, A. Viñuales	Optical Layers Based on Bulk-Alignment of LC Polymers (Invited)
18:30-18:50	O-38	Leticia Larios-Lopez, Dámaso Navarro-Rodríguez, Rosa Julia Rodríguez-González, and Daniel Guillon	Thermotropic behavior of side-chain liquid-crystalline polymers with a pendant terphenylene mesogen
18:50-19:10	O-39	J. Stumpe, Y. Zakrevskyy and C.F.J. Faul2	Anisotropic films of very high order based on LC ionic self-assembly complexes
19:10-21:10			**Dinner**

THURSDAY OCTOBER 4

Time		Presenter	NEW MATERIALS
8:00-8:40	PL-4	Peter Palffy-Muhoray	Nanoparticle Liquid Crystals as Negative Index Materials.
8:40-9:10	O-40I	Satyendra Kumar	Recent Development in Thermotropic Biaxial Nematic Phase (Invited)
9:10-9:30	O-41	Amanda Parish, Sebastian Gauza, Shin-Tson Wu, Jerzy Dziaduszek, and Roman Dabrowski	New fluorinated terphenyl isothiocyanate liquid crystals
9:30–9:50	O-42	Sebastian Gauza, Amanda Parish, Shin-Tson Wu, Anna Spadło, and Roman Dabrowski	Physical properties of new laterally fluorinated isothiocyanatophenyltolane liquid crystals
9:50-10:10	O-43	Dámaso Navarro Rodríguez, Leticia Larios López, Rocio G. Santos Martell, Daniel Guillon	Liquid crystalline properties of pyridinium salts substituted with a terphenylene moiety
10:10-10:40			**Coffee break**
			COMPOSITE PHOTONICS STRUCTURES
10:40-11:00	O-44	A. Marino, G. Abbate, V. Tkachenko, I. Rea, and L. De Stefano	Liquid crystal infiltrated silicon for photonic applications
11:00-11:20	O-45	Hiroyuki Yoshida, Chee Heng Lee, Yusuke Miura, Kazuki Tokuoka, Satoshi Suzuki, Akihiko Fujii, Masanori Ozaki	Optical Properties of cholesteric liquid crystals with functional structural defects
11:20-11:40	O-46	Giancarlo Abbate, Alexander A. Dyomin, Georgiy V. Tkachenko, Volodymyr, Tkachenko, Luca De Stefano, Igor A. Sukhoivanov	Reorientation of nematic within cylindrical pores for applications in photonics
11:40-12:00	O-47	V.Ya. Zyryanov, V.A. Gunyakov, S.A. Myslivets, V.G. Arkhipkin, V.F. Shabanov	Electrooptical switching in one-dimensional photonic crystal
12:00-12:20	O-48	J. Arriaga	Electrotunable band gaps of photonic crystals structures based on silicon and liquid crystals
12:20-12:50	O-49I	Michel Mitov, Sabrina Relaix, Nathalie Dessaud and Christian Bourgerette	Going beyond the reflection band limits of cholesteric liquid crystals: wavelength bandwidth as well as light intensity (Invited)
12:50-15:50			**Lunch break**
			WAVEGUIDING
15:50-16:20	O-50I	Gaetano Assanto	Routing light with nematicons (Invited)
16:20-16:50	O-51I	Tomasz R. Woliński, S. Ertman, A. Czapla, M. Tefelska, D. Budaszewski, A. W. Domański, R. Dąbrowski, E. Nowinowski-Kruszelnicki, J. Wojcik	Polarizing and depolarizing optical effects in photonic liquid crystal fibers (Invited)
16:50-17:10	O-52	F. Ciuchi, M. Giocondo, A. Mazzulla	Sub-millisecond dynamic in liquid crystals by half leaky guided mode
17:10-17:30	O-53	Andrzej Walczak, Edward Nowinowski-Kruszelnicki	Waveguide couplers induced optically over organic junction
17:30-17:50	O-54	Jean-Francois Henninot , Jean-Francois Blach Abdelilah Daoudi , Marc Warenghem	First observation and analysis of spatial solitons observed in polymer-stabilized nematic liquid crystal
17:50-18:10			**Coffee break**
18:20-20:00			**POSTER SESSION III**
20:00-22: 00			**Dinner**

FRIDAY OCTOBER 5

Time		Presenter	PHOTOISOMERIZATION
8:00-8:40	PL-5	J. L. Serrano, J. Del Barrio, L. S. Chinelatto jr, R. M. Tejedor, M. Piñol, L. Oriol, B. Ros, T. Sierra, F. Vera,	Photoinduction of supramolecular chirality in photochromic polymers and H-bonding supramolecular structures
8:40-9:00	O-55	Uladzimir A. Hrozhyk, Svetlana V. Serak, Nelson V. Tabiryan. Timothy J. Bunning	Cholesteric liquid crystals phototunable throughout the visible-NIR spectrum
9:00-9:20	O-56	G. Cipparrone , P. Pagliusi ,C. Provenzano V.P. Shibaev, S.G. Kostromin	Photo -induced supramolecular chirality in azo-containing amorphous polymer
9:20-9:50			**Coffee break**
			SURFACE EFFECTS
9:50-10:20	O-57I	Yuriy Reznikov , Denis Fedorenko , Elena Ouskova , Kostyantyn Slyusarenko , Victor Reshetnyak , KiRyong Ha	Light-induced Gliding of the Easy Orientation Axis in Azo-Dye Doped Nematics (Invited)
10:20-10:50	O-58I	C. Y. Chen, Weitao Liu, P. Pagliusi, and Y. R. Shen*	Probing Photo-Reactive Polymer Surfaces for Liquid Crystal Alignment (Invited)
10:50-11:10	O-59	V.Ya. Zyryanov, M.N. Krakhalev, O.O. Prishchepa	Texture transformation in nematic droplets caused by ionic modification of boundary conditions
11:10-11:30	O-60	O. Baldovino-Pantaleon, R. Porras-Aguilar, A. Sanchez-Castillo, I. Guizar-Iturbide, A. Olivares-Perez, E. A. Gonzalez and R. Ramos-Garcia	Anchoring of 4-dimethyl-amino substituted azobenzence dyes doped liquid crystals on substrates
11:30-11:50	O-61	István Jánossy	High-precision measurement of azimuthal rotation of liquid crystals on solid substrates
11:50-12:10	O-62	Daniel Stoenescu, Philippe Martinot-Lagarde and Ivan Dozov	Optical study of the azimuthal anchoring strength and easy axis gliding on polymer surfaces
12:10-15:10			**Lunch break**
			OPTICS
15:10-15:40	O-63I	Oleg D. Lavrentovich	New developments in optical microscopy of liquid crystals (Invited)
15:40-16:00	O-64	O.O. Prishchepa, A.M. Parshin, A.V. Shabanov, V.Ya. Zyryanov	Magnetooptical study of Friedericksz threshold in polymer dispersed nematic liquid crystals
16:00-16:20	O-65	Antonio De Luca, Valentin Barna, Giovanni Carbone and Charles Rosenblatt	Optical Nanotomography of Liquid Crystals
16:20-16:40	O-66	R. Porras-Aguilar, O. Baldovino-Pantaleon, M.D. Iturbe Castillo, J.C. Ramirez-San-Juan, and R. Ramos-Garcia	Nonlinear phase contrast microscope with a polarization-dependent filter based on dye-doped nematic liquid crystal
18:00-21:00			**Closing Ceremony**

POSTER SESSION I
MONDAY OCTOBER 1

	Author(s)	Abstract Title
PSI-1	Y. Reznikov, N. Eisenberg, M. Klebanov, Y. Kurioz, V. Lyubin, M. Manevich	Photoalignment of Liquid Crystals on Chalcogenide Glassy Films
PSI-2	S. Serak, N. Tabiryan ,G. Chilaya, A. Chanishvili, G. Petriashvili	Azobenzene nematics with chiral dopant photoswitchable with a green laser beam
PSI-3	G. Abbate, C. Chiccoli, P. Pasini and C. Zannoni	Monte Carlo simulations of a composite liquid crystal-polymer model system.
PSI-4	Anjuli Khandelwal	Twist Grain Boundary Phases shown by Bio-molecules
PSI-5	P.L. Almeida, J.L. Figueirinhas and M.H. Godinho	Cellulose derivative based PDLC type cells using cholesteric liquid crystal
PSI-6	Yue-Hua Cong, Ji-Wei Wang, Yan-Hua Du, Fan-Bao Meng & Bao-Yan Zhang	Textures of Cholesteric BP III of Polymer
PSI-7	S. Shelestiuk, V. Reshetnyak, A. Marino, G. Abbate	Understanding the dynamical behavior of Policryps and Poliphem composites: a theoretical model versus experimental results
PSI-8	Natalie Aryasova	Optical Testing of Alignment at Random Inhomogeneous Polymer Surfaces
PSI-9	J. Beeckman, F. Anibal Fernandez, R. James, E. Willman, K. Neyts	Finite element analysis of liquid crystal optical waveguides
PSI-10	O.O. Prishchepa, V.Ya. Zyryanov, A.P. Gardymova, V.F. Shabanov	Optical textures and orientational structures of nematic and cholesteric droplets with heterogeneous boundary conditions
PSI-11	S. Jana and S. Konar	Nonlinear Propagation of sinh-Gaussian Pulses in Dispersive Cubic Quintic Nonlinear Medium and formation of Bistable soliton
PSI-12	A. Corella-Madueño, J. A. Reyes and S. A. Salazar-Torres	Hydrodynamically controlled multiplexer based on a nematic fiber
PSI-13	Qiong Song, Haiqing Xianyu, Sebastian Gauza and Shin-Tson Wu	High birefringence and low crossover frequency dual-frequency liquid crystals
PSI-14	Gegham Zakharyan, Rafik Hakobyan, Artur Galstyan	Distribution of diffraction intensity in diffraction orders for thin anisotropic diffraction gratings
PSI-15	Gegham Zakharyan	Light diffraction in anisotropic reflection gratings: comparison with isotropic theory
PSI-16	E. Pérez, D. López-Velázquez, A.R. Hernández-Sosa, J.P. Fernández-Blázquez, A. Bello	Phase transitions in liquid-crystalline biphenyl derivatives
PSI-17	O.G. Morales-Saavedra, G. Pelz, V. Torrez-Zuñiga, C. Roman-Moreno, J. Ocotlan Flores-Flores and R. Ortega-Martinez.	Chlorine-substituted bent-core liquid crystal based sono-gel hybrid materials:Synthesis, optical and nonlinear optical properties
PSI-18	M. Pérez-Cortés, I. Maury-Cuna M. Ortiz-Gutierrez	Color filter design with optical activity in PDLC
PSI-19	M.A. Karpierz, U.A. Laudyn, K. Jaworowicz, K. A. Rutkowska	Nematicons in chiral nematics
PSI-20	A. S. Zolot'ko, I. A. Budagovsky, M. P. Smayev, and M. I. Barnik	Asymmetric aberration pattern at light beam self-action in NLC doped with stilbene dye
PSI-21	Yongmin Lee, Kwang-Ho Lee, Kyung-Bae Kim, Yoonseuk Choi and Jae-Hoon Kim	Fast tunable microlens array using electroclinic effect of chiral smectic A liquid crystals
PSI-22	A. Marino, I. Rea1, G. Abbate, I. Rendina, L. De Stefano, G. Barillaro	Liquid Crystal Tunable Si/Air Planar Bragg Gratings
PSI-23	A. Sanchez-Castillo, O. Baldovino-Pantaleon, A. Olivares-Perez and R. Ramos-Garcia	Critical opalescence and grating recording in liquid crystals doped with azo dyes

POSTER SESSION II
TUESDAY OCTOBER 2

	Author(s)	Abstract Title
PSII-1	Yuriy Reznikov, Oleksander Buluy, Andrey Iljin, Michele Giocondo, Kostyantyn Slusarenko, Oleksander Tereshchenko	Pretilt and Zenithal Dynamics of Director of Nematic Liquid Crystal; Measurements by Advanced Conoscopic Technique
PSII-2	Vicente Torres-Zúñiga, Omar G. Morales-Saavedra, Ernesto Rivera, Roberto Ortega-Martínez.	SHG of Poled Liquid Crystalline Azo-Dye Hybrid Thin Films Prepared by the Catalyst - Free Sonogel Method.
PSII-3	Laura O. Palomares and J. Adrian Reyes	Band Structure for a bend core liquid crystal fiber
PSII-4	Youn Hak Jung, Sang Gyun Kim, Youn Sik Kim, Sung Min Kim, Seung Hee Lee	Improved Characteristics through Defined Pretilt Angle in Vertical Alignment Mode using Polymer Wall
PSII-5	Myung-Eun Kim, You-Jin Lee, and Jae-Hoon Kim	In-Plane-Hybrid Mode for wide viewing angle characteristics
PSII-6	V.A.Belyakov	Influence of the surface anchoring on cano-granjean wedge structures
PSII-7	Takeshi Mori, Masashi Kijima	Synthesis and optical properties of luminescent naphthalene-based liquid crystals
PSII-8	T. Rugiero, L.M. Blinov, G. Cipparrone, P. Pagliusi	Polarized gain spectra of a nematic liquid crystal
PSII-9	Karine M. Sargsyan, Tigran V. Galstian, Rafik S. Hakobyan	Photo-induced Surface Relief Modulation due to the Surface Tension Anisotropy
PSII-10	A. L. Aslanyan, R. S. Hakobyan, A. V. Galstyan	The Diffusion Model For Thick Holographic Gratings Based on Photopolymer Materials With Consideration of Process Nonlocality and Diffusion of Polymer M
PSII-11	S.V.Burylov and V.Yu.Reshetnyak	Elastic interaction between rod-like particles suspended in a nematic solvent.
PSII-12	Sergei Slussarenko ,Vladimir Bazhenov, Mikhail Vasnetsov, Giancarlo Abbate, Joachim Stumpe, Oksana Sakhno	Lasing in POLIPHEM based planar waveguides.
PSII-13	S. Konar and Rakhi Bhattacharya	Design of a Microstructure Fiber for Dispersion Compensation Over C+L Bands
PSII-14	Hakob Margaryan, Vladimir Aroutiounian, Vahan Babajanyan, Nune Hakobyan, Vahe Harutyunyan, Valeri Abrahamyan	Investigation of oscillations in nematic liquid crystal cells with semiconductor substrate, caused by the electric field applied to semiconductor
PSII-15	Daeseung Kang, Han Jin Ahn, Hong Koo Baik, Jin Seol Park	Liquid crystal pretilt angle control using adjustable wetting properties of alignment layers
PSII-16	S.M. Shelestiuk, V.Yu. Reshetnyak and T.J.Sluckin	Frederiks transition in ferroelectric LC nano-suspensions
PSII-17	M. Trejo-Durán, E. Alvarado-Méndez, C. E. Valencia-Loredo, J. A. Andrade-Lucio, A. García-Pérez.	Physical Characterization of 4-(Pentenyloxy)Benzonitrile
PSII-18	Xiangyi Nie, Haiqing Xianyu, Thomas X Wu, and Shin-Tson Wu	Phase retardation dependent liquid crystal electro-optical modulation
PSII-19	S. Subota, S. Pavljuchenko, V. Reshetnyak and T.J. Sluckin	Electro-optics of a liquid crystal lens with polymer network
PSII-20	P. Pagliusi, C. Provenzano, G. Cipparrone, A. Mazzulla, L. Giorgini	Spectrometer for circular dichroism featuring a liquid crystal grating
PSII-21	Rumiko Yamaguchi and Susumu Sato	Photostability evaluation of liquid crystal cell:Real time detection of liquid crystal alignment degradation
PSII-22	Sarik R. Nersisyan, Nelson V. Tabiryan	Patterned Spectrally Selective Polarizers and Birefringent Films for Polarization Imaging Applications
PSII-23	P. Halevi and J.A. Reyes-Avendaño	Electrical tuning of refraction in a photonic crystal infilled with a liquid crystal

POSTER SESSION III
THURSDAY OCTOBER 4

	Author(s)	Abstract Title
PSIII-1	E. Alvarado-Méndez, M. Trejo-Durán, J. A. Andrade-lucio, E. Vargas-Rodríguez.	Experimental evidence of dark periodic lattices in nonlinear liquid medium
PSIII-2	G. Cipparrone, P. Pagliusi,C. Provenzano	Bidimensional gratings of twisted nematic induced by polarization holography
PSIII-3	V.O. Kubytskyi and V.Y. Reshetnyak, T.J. Sluckin, and S.J. Cox	Surface meadited nonlinear optical effects in liquid crystals
PSIII-4	Rumiko Yamaguchi, Keiichi Moriyama, Susumu Sato	Improvement of White Fluorescent Liquid Crystal Display
PSIII-5	Rakhi Bhattacharya and S. Konar	Design of a Photonic Crystal Fiber with Large Anomalous Dispersion at Visible Wavelength with Positive Dispersion Slope
PSIII-6	Andrey E. Miroshnichenko, Etienne Brasselet, and Yuri S. Kivshar	Optical Fréedericksz transition: beyond geometric optics
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