

Tuesday, Sep. 1st, 2009

8:45	Opening		
9:00	I_01	N.A. Clark	Polarization elasticity
9:30	D_01	M. Cepic	Does SmC _G structure exist in rod-like chiral tilted systems?
9:50	D_02	J.P. Marcerou	Taking into account polarization and electric field in Hamaneh-Taylor model
10:10	D_03	S. Sredevi	Unusual dielectric and electrical switching behaviour in the de Vries smectic A phase of siloxane derivatives
10:30	D_07	J. Hanna	Electrical properties in the bulk and at the interface of ferroelectric liquid crystal
10:50	<i>Coffee break</i>		
11:20	I_02	T. Hegmann	Chiral dopant and bent-core LC-capped gold nanoparticles as dopants for nematic and smectic liquid crystals
11:50	A_01	W. Haase	Electrooptic, optic and dielectric properties of FLC/gold nanorod dispersions
12:10	A_02	V. Novotna	New de Vries compound with a re-entrant SmA phase
12:30	A_03	R.P. Lemieux	Toward a design strategy for 'de Vries-like' liquid crystal materials
12:50 13:10	<i>Lunch time</i>		
15:00	I_03	C. Bastiaansen	Chiral-nematic materials in security and sensors
15:30	E_01	M.A. Matranga	Wide band gap materials for tunable dye doped cholesteric liquid crystal lasers
15:50	E_02	M. Ozaki	Tunable lasing in smectic and cholesteric liquid crystals
16:10	E_03	W. Zheng	Preparation of zigzag free surface stabilized ferroelectric liquid crystal: filling the liquid crystal in the right direction
16:30	<i>Coffee break</i>		
17:00 18:30	Poster Session		

Wednesday, Sep. 2nd, 2009

9:00	I_04	P. Rudquist	On chiral smectics without a nematic phase; from de Vries SmA to tri-stable liquid crystals
9:30	D_04	A. Emelyanenko	Effect of multistability and domain structures in smectic materials
9:50	D_05	A. Marini	A combined multinuclear ^2H / ^{13}C NMR and <i>ab initio</i> calculations approach applied to ferroelectric phases
10:10	D_06	R. Kogo	Phase-matched SHG in paramagnetic all-organic chiral smectic liquid crystal
10:30	D_14	L. Komitov	Surface driven switching in LCDs
10:50	<i>Coffee break</i>		
11:20	I_05	R. Dabrowski	New orthoconic antiferroelectrics useful for applications
11:50	A_04	R.A. Lewis	1-Cyanoalkyl difluoroterphenylcarboxylates, chiral dopants matched to a low viscosity ferroelectric host mixture
12:10	A_05	G. Hennrich	Chiral phenylacetylene LCs for optics and photonics
12:30	B_01	O.N. Kadkin	Structure - Property Relationships in Novel Mesophases with Tetrahedric Order on the Base of 1,1'-Bis Substituted Ferrocenes
12:50	B_02	N. Koizumi	Electroclinic Effect in Discotic Columnar Phase of Dipeptide Derivative

Thursday, Sep. 3rd, 2009

9:00	I_06	C. Tschierske	Nematic phases of bent-core mesogens
9:30	C_01	D.M. Walba	SmCPG banana phases
9:50	C_02	K.V. Le	Flexoelectric effect in a bent-core mesogen
10:10	C_03	L. Longa	Quadrupolar and octupolar interactions and stability of chiral phases in bent-core liquid crystals
10:30	C_04	F. Araoka	B2 and B4 phases of a bent-core molecule studied by circular dichroism and raman spectroscopy
10:50	<i>Coffee break</i>		
11:20	I_07	H. Kitzerow	New Challenges in Blue Phases and Related Defect Structures
11:50	B_03	K. Pacheco	Tuning of the optical properties of a cholesteric liquid crystal polymeric material
12:10	B_04	H. Pleiner	Chirality and ambidextrous chirality in banana LCs
12:30	B_05	P. S. Salter	Spontaneously chiral domains and electric field induced chirality in bent core nematic compounds
12:50	<i>Lunch time</i>		
13:10			
15:00	I_08	P. Gautier	Fast liquid crystal shutters for anti-blooming applications
15:30	E_04	P.D. Brimicombe	Time-resolved x-ray studies into the influence of surface-alignment on smectic layer reorientation
15:50	E_05	T.D. Wilkinson	3D electrode structures for phase only holograms
16:10	E_06	A. Mazzulla	Liquid crystal diffractive element for a real time circular dichroism spectrometer
16:30	<i>Coffee break</i>		
17:00	Poster session		
18:30			

21:00
Banquet

Friday, Sep. 4th, 2009

9:00	I_09	C. Folcia	Second harmonic generation in liquid crystals: State of the art
9:30	D_08	I. Dierking	Polymer stabilised ferroelectric liquid crystals: experiment and theory
9:50	D_09	E.P. Pozhidaev	Broad temperature range and extremely short helix pitch ferroelectric liquid crystals: material science, physics and applications
10:10	D_10	Z.V. Smith	Polarization current as evidence of local anticlinic correlations in de Vries smectics
10:30	D_11	C. Park	Coalescence dynamics of islands in freely suspended smectic liquid crystal films
10:50	<i>Coffee break</i>		
11:20	I_10	A. Eremin	Novel types of switchable materials: Quadratic electroclinic effect and multistage switching in "banana" smectics
11:50	C_05	J. MacLennan	A transition from the low-polarization SmAP _F ' to high-polarization SmAP _F
12:10	C_06	A. Jakli	Piezoelectric origin of the giant flexoelectric effect of bent-core nematic liquid crystals
12:30	C_07	P. Barois	Application of resonant scattering to structural studies of bent core liquid crystals
12:50 13:10	<i>Lunch time</i>		
15:00	I_11	H. Takezoe	Giant optical activity from nano-segregated achiral rod-like molecules in the B4 structure of achiral bent-core molecules
15:30	D_12	K. Hiraoka	Mechanical response to thermal and electric stimulations of chiral smectic C elastomer
15:50	D_13	S. Jaradat	Phase stability and asymmetric switching of intermediate liquid crystal phases in devices
16:10	Poster award		
16:30	Closing		