

Poster Session 2

Thursday, Sep. 3rd, 2009: 17:00-18:30

P_002	Fergusson, K.M.	Bent-core and hockey-stick shaped molecular structures exhibiting interesting morphologies
P_004	Graus, S.	Spontaneous resolution of cyclohexane ethylenacetal derivatives
P_006	Hird, M.	Synthesis and properties of liquid crystals with bulky terminal groups designed for bookshelf geometry ferroelectric mixtures
P_008	Miyajima, D.	Synthesis of new bowllic liquid crystals responsive to electric field
P_010	Svoboda, J.	Novel bent-shaped liquid crystals with a thiophene ring in the outer position
P_012	Alonso, I.	Study of the molecular arrangement and electric response in the SmA phase of a V-shaped mesogen
P_014	Clemente, M.J.	Influence of polar groups on the self-organization of hydrogen-bonded bent-core liquid crystals
P_016	del Barrio, J.	Bistable mesomorphism, supramolecular stereomutation and photomodulation of supramolecular chirality in liquid crystal azopolymers
P_018	Furue, H.	Alignment structure of dimeric liquid crystal molecules having bent molecular structure
P_020	Gimeno, N.	Synthesis and properties of liquid crystalline bent-shaped azo-containing photopolymers
P_022	Kadkin, O.N.	Spontaneous chiral degeneracy in achiral ferrocenomesogen and novel mesophases with tetrahedral symmetry
P_024	M. Perdiguero, J.	New local structure of the B ₄ phase
P_026	Pérez, A.	New functional materials based on chiral columnar assemblies
P_028	Bitri, N.	Scanning conoscopy investigations of the optical properties of chiral liquid crystals
P_030	Dierking, I.	Transition of a low molar mass liquid crystal into a chiral glass
P_032	Furue, H.	Measurement of polymer anchoring strength in polymer-stabilized ferroelectric liquid crystals
P_034	Haase, E.W.	Physical properties of new ferroelectric liquid crystalline mixtures doped with different kind of nanoparticles
P_036	Hiraoka, K.	Molecular dynamics in smectic and crystalline phases studied by ¹³ C-NMR spin lattice relaxation time observation
P_038	Lemieux, R.P.	Molecular length distribution and the formation of tilted smectic phases
P_040	Nam, Y.	Emission behavior of liquid-crystalline Pt ^{II} complexes with tetradentate N ₂ O ₂ ligands
P_042	Perkowski, P.	Dielectric behaviour of antiferroelectric phase induced in binary mixture
P_044	Sánchez, C.	Rotational reorganization of microscopic objects using chiral switch doped liquid crystals
P_046	Shen, Y.	Smectic A* to Smectic C* phase transition of mixtures of two chiral liquid crystal compounds
P_048	Suzuki, K.	Difference in magnetic interactions between the N and N* phases of all-organic nitroxide radical liquid crystals
P_050	Cerrolaza, B.	Motion blur in video-rate displays of orthoconic antiferroelectric and V-shaped materials
P_052	Kadivar, E.	The velocity equation of surface-stabilized ferroelectric liquid crystal in a torsional oscillator
P_054	P. Medialdea, D.	Ionic current measurements in orthoconic AFLC devices
P_056	Pintre, I.C.	Antiferroelectric liquid crystal gels based on a bent-core crosslinker
P_058	Susman, K.	Describing two different experiments with the same model of AFLC
P_060	Diez Berart, S.	Cylindrical confinement of a photosensitive liquid crystal under uv-light
P_062	Salter, P.S.	Unwinding of the Uniform Lying Helix structure close to a spatially uniform aligning surface

P_064	Aishomrany, A.	Investigation of an orthorombic ferroelectric smectic liquid crystal using optical second harmonic generation
P_066	Komitov, L.	Temperature-induced tilt transition in the nematic phase of liquid crystal possessing SmC-nematic transition
P_068	Siemianowski, S.	Measurement of smectic layer elasticity and deformation in antiferroelectric and intermediate phases
P_070	Kim, B-Y.	Liquid crystal alignment capabilities on SiNx thin films via Ion beam irradiation
P_072	Kim, D-H.	Continuous pretilt angle controlled no-bias-bend pi cell via blended polyimides liquid crystal system
P_074	de Santo, M.P.	Chiral luminescent compounds as a perspective for cholesteric liquid crystal laser
P_076	Hegde, G.	Extremely short helix pitch deformed helix ferroelectric liquid crystals: applications and transmissive displays
P_078	Kim, I-G.	Physical transformation of HfO ₂ surfaces for vertical alignment of liquid crystals via ion-beam irradiation: surface image investigation
P_080	Sakamoto, K.	3D display system using grating film for stereo image superimpose
P_082	Sakamoto, K.	Polarization control for field-lens 3D display
P_084	Sakamoto, K.	Polarization control for displaying invisible 2D code using lcd panels
P_086	Andreeva, T.B.	Speckle suppression using a liquid-crystal cell
P_088	Vahedi, E.	The dynamic behaviors of ferroelectric and antiferroelectric liquid crystals in AC electric fields.
P_090	Hanna, J.	Charge carrier transport properties of chiral, racemic, and achiral ω,ω' -Dialkoxydifluoroterphenyl derivatives