POSTER SESSION

P1 – S. Marchant-Lane - *Determination of the rotational viscosity coefficient of a nematic LC using ESR spectroscopy.*

P2 – H. Xu – *UV-stable nematics for photo-luminescent liquid crystal displays*

P3 – O. Ruzak - *Orientational photorefractivity for novel OASLMs*

P4 – I. Warburton - *A novel synthesis of substituted triphenylenes by palladium catalysed cross-coupling of arylboronic acids*

P5 – Y. Raoul - *The synthesis and mesomorphic properties of antiferroelectric liquid crystals bearing a perfuoroarboxy unit*

P6 – S. McLaren - *Modulation of the properties of discotic CPI compounds by variation of the peripheral chains*

P7 – J. Butt - *Rotation invariant pattern recognition with a JTC using the DBS algorithm*

P8 - Y-I. Cho - *Influence of additives on Electro-optical properties of Commercial Nematic LC Materials*

P9 – D. - Gil Leyva - *Adaptive optical systems using computer generated holograms*

P10 – G. Luckhurst - *Field-induced alignment of a smectic A phase; a molecular dynamics study*

P11 – G. Lee - *Homogenisers for a 3D LED display*

P12 – A. Mainal - *MNR studies of the director alignment in the smectic A of deuterated 4-octyl-4'-cyanobiphenyl (8CB-d2)*

P13 – A. Mainal - *Deuterium NMR studies of the biaxial crystal E phase*

P14 – J. Quintans-Carou - *Thin-film flow of a nematic LC*

P15 – W. Wang - *Raman scattering study of an antiferroelectric liquid crystal*

P16 – H. Kamberaj - *Applications of chiral indices to real molecules*

P17 – K. Okumoto - *Field driven director oscillations: an NMR investigation*

P18 – M. Nakatsuji - *Field induced director dynamics in the smectic A phase of 4-octyl-4'-cvyanobiphenyl: site dependence?*

P19 – M. Komarcevic - *Investigation of nematic LC switching transition length*

P20 – D. Jackson - *Liquid crystal dimers useful flexoelectric materials?*

P21 – H. Gleeson - *A study of tilt and layer geometry in a series of orthoconic antiferroelectric LCs*

P22 – G. Lester - *Modelling of cascaded LC devices*

P23 – L. Parry–Jones - *Switching behaviour of zenithally bistable nematic liquid crystal devices*

P24 – J. Lydon – *Making sense of the lyotropic intermediate phases: the concept of excess hydrophobic volume.*

P25 – A. Davidson - *Optical transmission through a bistable nematic liquid crystal*

P26 – D . Sun - *Novel tiling scheme in current PLLCD research*

P27 – D. Lacey - *Lord of the Rings: the use of thiophene, pyrmidine and benzene rings in the design of liquid crystalline materials exhibiting SmCalt and SmC phases*

P28 – S. Sia - *Monomers to dimers in difluoroterphenyls*

P29 – J. Birkett - *Director profiles in chiral HAN cells*

P30 – S. Jewell - *Optical waveguide characterisation of 45degree antiferroelectric liquid crystals*

P31 – M. Mienko - *Investigation and analysis of seamless tiling of LCDs based on PLLCD architecture*

P32 - S. Mias - *Characterisation of phase modulating bistable FLC OASLMs*

P33 - G. Kelly - *Q-tensor theory: surface ordering, temperature and electric field effects.*

P34 - A. Vasilev - *Magnetic field response in ferronematic cells*

P35 – M. Pivnenko - *Novel ferroelectric organosiloxane materials*

P36 – A. Blatch - *Flexoelectric LC bimesogens*

P37 – A. Ford - *A new approach to optimising the output intensity of dye-doped chiral nematic liquid crystal lasers*

P38 – J. Willmott - *Lasing in different chiral nematic liquid crystals doped with chiral additive and laser dyes*