

Professor Jim Emsley's 65th Birthday Celebration
University of Southampton
23 - 24 August 1999

This year sees Jim Emsley's 65th birthday and his many former students and colleagues are organising a conference to mark this special event. This will provide a unique opportunity to celebrate the major contributions which Jim has made to the field of liquid crystals. This promises to be a very special occasion with contributions from an impressive collection of international speakers. It should also provide an opportunity for all of Jim's students, research fellows and colleagues to gather together.

The theme of the meeting is in keeping with those areas of liquid crystal science to which Jim has made such important contributions. These include the use of NMR spectroscopy to explore the orientational order of liquid crystals and the structure of mesogenic molecules as well as the application of theory and simulation to understand such results. We have been successful in attracting some of the major figures in these areas as speakers at the meeting; they are:

Professor Jim Emsley, *University of Southampton*

Professor Neville Boden, *University of Leeds*

Professor Jacques Courtieu, *University de Paris-Sud*

Dr. Jim Feeney, *National Institute for Medical Research*

Professor Bing Fung, *University of Oklahoma*

Professor Jukka Jokisaari, *University of Oulu*

Professor Marcello Longeri, *Universita degli Studi della Calabria*

Professor Geoffrey Luckhurst, *University of Southampton*

Professor Zeev Luz, *The Weizman Institute of Science*

Professor Carlo Veracini, *Universita di Pisa*

Conference Dinner

There will be a dinner on the evening of Monday 23rd August to which all delegates will be invited. However, if you are unable to participate in the Meeting but wish to attend the dinner and stay overnight in Southampton you should complete the relevant sections of the registration form.

Jim Emsley's 65th Birthday Meeting

Order and Structure of Liquid Crystals

A British Liquid Crystal Society Conference

University of Southampton 23rd and 24th August 1999

Programme

Monday 23rd August 1999

12.30 - 14.00 Lunch

14.00 - 14.10 Professor Geoffrey Luckhurst
Welcome and Introductory Remarks

Chairman Professor Les Sutcliffe

14.10 - 14.50 Professor Jim Emsley (University of Southampton)
Flexible Molecules in Liquid Phases Interaction between Theory
and Experiment

14.50 - 15.30 Professor Bing Fung, (University of Oklahoma)
Carbon-13 NMR Studies of Liquid Crystals

15.30 - 16.10 Professor Marcello Longeri (University degli Studi della Calabria
Reggia)
Liquid Crystalline Samples: Spectral Analysis

16.10 - 16.40 Tea

Chairman Professor John Seddon

16.40 - 17.20 Professor Jukka Jokisaari (University of Oulu)
NMR of Noble Gases in Liquid Crystals

17.20 - 18.00 Professor Jacques Courtieu (University de Paris-Sud)
Symmetry and Ordering in Chiral Liquid Crystals

19.00 - 19.30 Reception

19.30 for 20.00 Dinner at Langleys Bistro

Tuesday 24th August 1999

Chairman Professor Harry J. Coles

09.00 - 09.40	Professor Neville Boden (University of Leeds) Peptides, Tapes, Fibrils and Liquid Crystals
09.40 -10.20	Professor Carlo Alberto Veracini (Universita di Pisa) ^2H NMR Spectra and Relaxation for Studying the Microscopic Organisation, Structure and Dynamics of Chiral Smectic Phases
10.20 - 11.00	Professor Geoffrey Luckhurst (University of Southampton) Theory, Simulation and NMR of Liquid Crystals
11.00 - 11.30	Coffee
Chairman	Professor John Lindon
11.30 – 12.10	Professor Zeev Luz (The Weizmann Institute) Isomerism and Mesomorphism of some New Pyramidic Liquid Crystals
12.10 – 12.50	Dr Jim Feeney (National Institute for Medical Research) NMR Studies of Protein-Ligand Interactions
12.50 – 13.00	Professor Tim Sluckin (University of Southampton) Closing Remarks
13.00	Lunch at the Staff Club