Twist-Bend Nematics and Beyond

7-8 April 2016 - University of Southampton

The topics to be covered in this Workshop include:

• The design and creation of molecules to form the twist-bend nematic phase;
• The identification of the twist-bend nematic phase;
• The defining properties and order parameters of the phase;
• Molecular and macroscopic theories for the existence of the twist-bend nematic phase;
• Interpretation of experimental results obtained for the phase with a range of techniques;
• Electric and magnetic field effects and potential applications;
• Related modulated phases.

In addition the Workshop aims to introduce the twist-bend nematic phase and its intriguing behaviour to those not already in the field.

Invited speakers

Ivan Dozov (Amiens, Orsay)  
Corrie Imrie (Aberdeen)  
Oleg Laventovich (Kent State)  
Jagdish Vij (Dublin)

Alberta Ferrarini (Padova)  
Antal Jakli (Kent State)  
Jonathan Selinger (Kent State)

Epifanio Virga (Pavia)

Registration and abstract submission deadline: 11th January 2016

Registration fee:
£120 inclusive of meals and accommodation; £90 w/o accommodation. A number of student bursaries are available to cover 1/3 of the fee.

For more information visit:

https://tbnw.wordpress.com/

Local organising committee:
Geoffrey Luckhurst (G.R.Luckhurst@soton.ac.uk)
Tim Sluckin (T.J.Sluckin@soton.ac.uk)
Giampaolo D’Alessandro (dales@soton.ac.uk)