



BACG
British Association for Crystal Growth
Registered Charity No. 261760



British Association for Crystal Growth

Conference 2007

Irish Association for Crystal Growth

&

Bernal Symposium on Protein Crystallisation

University College Dublin, Belfield, Dublin

Monday 3 – Tuesday 4 September 2007



www.bacg.org.uk



Conference Details

The 2007 annual BACG conference, which will be a joint meeting with the Irish Association for Crystal Growth (IACG), will be held at University College Dublin, Ireland, from Monday 3rd September to Tuesday 4th September.

As in previous years the Conference will include the BACG Annual General Meeting, presentation of the BACG Annual lecture and the BACG Young Scientist award, plenary talks from invited speakers and both invited and contributed papers. A special symposium on protein crystallization will be held in a dedicated session running for the duration of the meeting.

Conference committee

The conference committee for the meeting comprises:

Brian Glennon, UCD

Tim Joyce, University of Liverpool

Kieran Hodnett, University of Limerick

Ivan Marziano, Pfizer UK

Brian O'Sullivan, Mettler-Toledo

Martyn Pemble, Tyndall National Institute

Conference programme

The conference programme will reflect the three main themes of pharmaceutical crystallization, semi-conductor materials and protein crystallization. The Bernal Symposium on Protein Crystallization is held in honour of the Irish-born scientist, J.D. Bernal, who made pioneering contributions to X-ray crystallography. The conference sessions, along with currently invited speakers is attached.

A training session is planned on Monday 3 September, particularly for industrial attendees interested in advancing their understanding of the phenomena underpinning crystallization behaviour.

Plenary lectures:

Andrew Brown, author of J.D. Bernal: The Sage of Science

Alexander McPherson, University of California, Irvine

Geoffrey Ozin, University of Toronto

James Watson, Cold Spring Harbour Laboratory, New York

Draft Conference Programme

1. **Pharmaceutical Crystallization training workshop**

- fundamentals
- monitoring & control

2. **Pharmaceutical Crystallization Fundamentals**

invited speaker: Kieran Hodnett, University of Limerick

3. **Scale-up in Pharmaceutical Crystallization**

invited speakers: Mark Barrett, UCD; industrial speaker to be confirmed

4. **Polymorphism in Pharmaceutical Crystallization**

invited speaker: Patrick McArdle, NUI, Galway

5. **Photonic Crystals**

invited speakers: Bob Chang, Northwestern University; Martyn Pemble, Tyndall National Institute

6. **Semiconductor Crystal Growth**

invited speakers: Stuart Irvine, University of Wales, Bangor; Jean-Pierre Colinge, Tyndall National Institute

7. **Porous Materials**

invited speaker: to be confirmed

8. **Bernal Symposium**

Ken Holmes, MPI Heidelberg

Amir Khan, Trinity College Dublin

Michael Rossmann, Purdue

Bob Stroud, UCSF

Petra Fromme, Arizona State

Georg Schulz, Friberg

Juan-Ma Garcia-Ruiz, Granada

Martin Caffrey, U. Limerick

Vittorio Luzzati, Former Head, Centre de Genetique Moleculaire, CNRS

Ray Stevens, Scripps Institute

Conference Details

Conference location

The conference will be held in the Belfield campus of University College Dublin, located on the southside of the city of Dublin. Dublin is easily accessible from most regional airports in the UK and Europe.

Details on the location can be found at <http://www.ucd.ie/visitors.htm>

Information on Dublin can be found at <http://www.visitdublin.com> and <http://www.dublin.ie>

Accommodation

The UCD Belfield campus is well served by a wide range of hotel and guesthouse accommodation.

Call for papers

The invited speakers will review accomplishments in their fields and will preview potential developments and future requirements. It is anticipated that the presentations in the associated symposia will address particular aspects of these themes. To this end contributions are solicited from interested parties to each of the sessions outlined in the draft programme.

Abstracts for consideration for either oral or poster presentation should be forwarded to the lead symposia chairs (underlined) as detailed above.

Posters will be on display throughout the conference and time will be set aside in the programme for dedicated poster sessions. Cash prizes will be given for the best presentations (including posters) from young contributors.

Conference secretariat

Conference Secretariat, CPD Unit, Faculty of Engineering, c/o Civil Engineering Rm 209, University of Leeds, Leeds, LS2 9JT, UK. Email: cpd@engineering.leeds.ac.uk

Further information

For further information, contact Dr Brian Glennon, School of Chemical and Bioprocess Engineering, University College Dublin (brian.glennon@ucd.ie)