ICCBM13 Conference Programme

	Sunday 12th	Monday 13th	Tuesday 14th	Wednesday 15th	Thursday 16th	
08.00 - 08.15		Registration	Registration			08.00 - 08.15
08.15 - 08.30						08.15 - 08.30
08.30 - 0845				Registration	Registration	08.30 - 0845
08.45 - 09.00						08.45 - 09.00
09.00 - 09.15		**Towards Isotropic Diffraction Optimization of Crystallization Conditions for the Na+-coupled Glycine Betaine Symporter BetP** *Christine Ziegler*	**Ribosome Crystallization and Hibernating Polar Bears** *Ada Yonath*	**Probing Radiation Damage and Crystal Inhomogeneity with X-ray Beams of 1-10 Microns Diameter** *Robert Fischetti*	**A Success Case: Producing Diffraction Quality Crystals with the Use of Ionic Liquids** *Catarina Coelho*	09.00 - 09.15
09.15 - 09.25						09.15 - 09.25
09.25 - 09.35		**10 Years and 600 Million Dollars Later: What High Throughput Crystallography Has Taught Us and What Not** *Bernhard Rupp*	**Promoting Crystallization by Increasing and Enhancing Intermolecular Interaction** *Alexander McPherson*	**Crystallization of Human Soluble and Integral Membrane Proteins - Isn't It All in the Protein?** *Pär Nordlund*	**How to Get the Most from One Macromolecular Crystal** *Wladek Minor*	09.25 - 09.35
09.35 - 09.50						09.35 - 09.50
09.50 - 10.00		**Crystallizing Kinases - Trying to Capture a Moving Target** Annie Hassell	**A Pipeline for the Production of Human Membrane Proteins in the Baculovirus Expression System for Structural Studies** *Liz Carpenter*	**"Stopper" Fusions - A Novel Approach for Crystallization of Coiled-Coil-Containing Proteins and Protein Complexes** *Vadim Klenchin*	**TBA**	09.50 - 10.00
10.00 - 10.15						10.00 - 10.15
10.15 - 10.30		**High-Throughput Approaches to Aid Structural Biology** *Edward Snell*	**Crystallisation and Structure Determination of Stabilised G Protein-Coupled Receptors** Gebhard Schertler	**Protein Powder Diffraction: Stories of Success and Dreams for the Future** *Irene Margiolaki*	**Micorfluidic Platforms for Mesophase Crystallization of Membrane Proteins** *Paul Kenis*	10.15 - 10.30
10.30 - 10.40						10.30 - 10.40
10.40 - 11.00		Coffee Break & Poster / Exhibit Viewing	Coffee Break & Poster / Exhibit Viewing	Coffee Break & Poster / Exhibit Viewing	Coffee Break & Poster / Exhibit Viewing	10.40 - 11.00
11.00 - 11.20						11.00 - 11.20
11.20 - 11.30		**MLFSOM: Data Quality from First Principles** *James Holton*	**Application of Hybrid LRR Technique for Crystallization of TLR Family Proteins** *Jie-Oh Lee*	**Engineering Proteins for Enhanced Crystallization Properties** *Zygmunt Derewenda*	**From Lipid Phases to Membrane Protein Structure** *Valentin Gordeliy*	11.20 - 11.30
11.30 - 11.45						11.30 - 11.45
11.45 - 12.00		**Crystallisation of Membrane Proteins in Lipid-Detergent Bilayers** *J. Preben Morth*	**Electron Crystallography of Three-Dimensional Protein Crystals** *Jan Pieter Abrahams*	**John Desmond Bernal: An Inspirational Irish Scientist** *Declan Doyle*	**Invisible' Crystals: Stategies for Locating, Centring and Collecting Data using Micrometre-sized X-ray Beams** *David Aragão*	11.45 - 12.00
12.00 - 12.10						12.00 - 12.10
12.10 - 12.25		**Novel Approach for Growth of High Quality and Large Protein Crystals** *Hiroyoshi Matsumura*	**Solution NMR as a Tool for Membrane Protein Structural Determination: The State of the Art** *Charles R. Sanders*	**Conformational Thermostabilisation of Integral Membrane Proteins and Structure Determination** *Christopher G. Tate*	**Capturing the Transport Cycle of the *E.coli* Maltose ABC Transporter** *Michael Oldham*	12.10 - 12.25
12.25 - 12.35						12.25 - 12.35
12.35 - 13.00		PDBe Roadshow / **Lunch**	PDBe Roadshow / **Lunch**	PIMS LIMS Presentation / PDBe Roadshow	PDBe Roadshow / **Lunch**	12.35 - 13.00
13.00 - 13.35						13.00 - 13.35
13.35 - 14.15		**Poster & Exhibit Viewing**	**Poster & Exhibit Viewing**		**Poster & Exhibit Viewing**	13.35 - 14.15
14.15 - 14.30		**History and Concepts of Membrane Protein Crystallization** *Hartmut Michel*	**So You've Got a Structure. What Else Can Your Crystal Tell you?** *Arwen Pearson*		**Strategies for the Crystallization of Viruses: The Case of Grapevine fanleaf virus** *Claude Sauter*	14.15 - 14.30
14.30 - 14.40						14.30 - 14.40
14.40 - 14.50		**Retrospective Study Confirms Protein Concentration as the Most Important Variable when Testing Crystallizability** *Frank von Delft*	**Blood, Sweat and Tears- How we got the structure of vSGLT** *Jeff Abramson*		**The Origins of Anomalous Mesoscopic Phases in Proteins Solutions** *Vassiliy Lubchenko*	14.40 - 14.50
14.50 - 15.05						14.50 - 15.05
15.05 - 15.15		**Methods of Improving the Order and Diffraction of Membrane Protein Crystal Structures** *Robert Stroud*	**Using Experimentally Derived Detergent Phase Boundaries to Facilitate Crystallization of Membrane Proteins** Michael Malowski		**Using LCP-FRAP to Guide Crystallization of GPCRs in Lipidic Mesophases** *Wei Liu*	15.05 - 15.15
15.15 - 15.30						15.15 - 15.30
15.30 - 15.45		**Kathleen Lonsdale and Her Contributions to Crystallography** *Louise Johnson*	**Speed Up Protein Crystallography; Pixel Detectors and Integrated Crystallisation Facility at SLS** *Clemens Schulze-Briese*		**Crystallizing Transmembrane Peptides in Lipidic Mesophases** Nicole Höfer	15.30 - 15.45
15.45 - 15.55						15.45 - 15.55
15.55 - 16.00		Coffee Break & Poster / Exhibit Viewing / **Industry Presentation**	Coffee Break & Poster / Exhibit Viewing	Afternoon at Leisure	Coffee Break & Poster / Exhibit Viewing	15.55 - 16.00
16.00 - 16.15						16.00 - 16.15
16.15 - 16.35						16.15 - 16.35
16.35 - 16.45	Registration Open	**Rational Investigation of Crystallisation of G-quadruplex Structures and their Ligand Complexes** *Nancy Campbell*	**Focusing on the Right Target: How Synchrotrons Might Help Solve Crystallization Problems** *Dave Stuart*		**Lessons from High Throughput X-Ray Crystallography for Structural Genomics and Fragment Based Drug Discovery** *Stephen Burley*	16.35 - 16.45
16.45 - 17.00						16.45 - 17.00
17.00 - 17.15		**Chaperone-Assisted Crystallography with DAPRins** *Markus Grüter*	**Nascent Protein Crystal Detection by Second-Order Nonlinear Optical Imaging of Chiral Crystals (SONICC)** *Garth Simpson*		**Femtosecond Nanodiffraction from Membrane Nanocrystals** *John Spence*	17.00 - 17.15
17.15 - 17.25						17.15 - 17.25
17.25 - 17.35		**Structure Determination without Crystals: the Ribosome, 1970-2000** *Peter Moore*	**Crystallising Proton Translocating Membrane Proteins** *Carole Hunte*		**Crystallographic Approaches to Understanding GPCR Structure and Activation** *Brian Kobilka*	17.25 - 17.35
17.35 - 17.50						17.35 - 17.50
17.50 - 18.00					**Closing Ceremony**	17.50 - 18.00
18.00 - 18.15						18.00 - 18.15
18.15 - 18.30						18.15 - 18.30
18.30 - 18.45		Opening Reception	Evening at Leisure			18.30 - 18.45
18.45 - 19.00						18.45 - 19.00
19.00 - 19.15						19.00 - 19.15
19.15 - 19.30	Welcome Reception			Conference Party - Irish Night		19.15 - 19.30
19.30 - 20.00						19.30 - 20.00
20.00 - 20.30						20.00 - 20.30
20.30 - 00.00						20.30 - 00.00