

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