

ISDSB 2010 International Advisory Committee

Prof Roger Fourme (Co-Chair) and Chair of the Local Organising Committee.

Instrumentation and methods at SR for structural studies of macromolecules, high pressure molecular biophysics

Prof John R Helliwell (Co-Chair);

X-rays and neutron structural studies of proteins and instrumentation and methods at SR and Neutron Sources.

Prof Jack Johnson (Co-Chair);

Structural studies of large multi-macromolecular complexes

Prof N Sakabe (Special Adviser);

Protein crystallography with synchrotron radiation; Chair of the Japanese Society for the Promotion of Science (JSPS) 169th Committee.

Prof N Yasuoka Guest Editor for ISDSB 2010.

Protein crystallography and protein structure;
Guest Editor for publication of ISDSB2010 Talks as research articles in JSR and/or topical reviews in Crystallography Reviews; previously was JSR Guest Editor for ISDSB2003 and 2007.

Members (Accepted Invitees List to Jan 6th 2009; only one reply now awaited)

Dr Isabella Ascone (SOLEIL, France)

X-ray absorption spectroscopy of metalloproteins and interface with macromolecular crystallography, high pressure studies.

Prof Ivano Bertini (Florence)

BioNMR

Prof Tom L. Blundell (University of Cambridge and ASTEX Pharmaceuticals, UK)

High-throughput crystallography and the new dimensions of drug discovery:
Exploring biological and chemical space

Dr Janos Hajdu (Uppsala and SSRL Stanford)

X-ray FELs and structure determination of proteins and up to cellular length scale

Prof Hans Hebert (Karolinska Institute/Royal Institute of Technology, Sweden)

Electron crystallography of membrane associated proteins in eicosanoid and glutathione metabolism

Prof Rolf Hilgenfeld (University of Lubeck)

Pharmaceutical and Medical protein crystallography

Dr Rod Hubbard (York Univ, UK)

Computational protein studies and links with industry

Dr Tom Irving (BIOCAT, APS Argonne National Lab)

Non crystalline diffraction of muscle; instrumentation and methods at SR sources.

Dr Yoshiyuki Kawakami, Discovery & Development Research Headquarters of Japan, Eisai Co Ltd.

Structural Science, Computational Chemistry and Drug Discovery.

Prof Werner Kuhlbrandt (MPI Frankfurt, Germany)

Electron and X-ray diffraction of membrane proteins

Professor Carolyn Larabell (Principal investigator, at the National Center for X-ray Tomography (NCXT) at the U.S. Department of Energy's Lawrence Berkeley Laboratory.)

Soft X-ray tomographic microscopy at the Advanced Light Source (ALS).

Prof Claude Lecomte, Nancy, France

Charge density studies of proteins

Prof Keith Moffat

Sub-nanosecond crystallography (interface with uv/vis spectroscopy) of proteins

Dr Eva Pebay-Peyroula (IBS and ESRF, Grenoble, France)

Membrane protein crystallography and biophysics

Dr Chikara Sato (AIST, Japan)

Ion channel structure revealed by single particle analysis of EM image

Prof David Stuart (Wellcome Trust Centre for Human Genetics, University of Oxford)

Virus crystallography and structural genomics

Dr Dmitri Svergun (EMBL Hamburg)

Solution scattering of biological macromolecules and related software.

Dr Ichiro Tanaka (Ibaraki University, Japan)

Neutron protein crystallography in JRR-3 and future prospect in J-PARC

Dr Tom Terwilliger (Los Alamos)

Structural Genomics and Crystallographic Methods

Prof Leanne Tilley (CoChair of the Coherent X-ray Science Initiative, Australia)

Malaria Cells and Diffraction Enhanced Imaging (including the interface with electron microscopy).

Dr Patrice Vachette (IBBMC, University Paris-Sud, Orsay, France)

X-ray solution scattering scattering of biomolecules