



# Facilitating X-ray Biophotonics

*Physicists and Biologists Working Together*



**ARC Centre of Excellence for Coherent X-ray Science  
2008 Annual Workshop**

**BIO21 Institute, Melbourne, Australia  
17<sup>th</sup> – 19<sup>th</sup> September, 2008**

**Focusing on high resolution imaging of biological samples.  
Using synchrotron, high harmonic generation laser and x-ray  
free electron laser sources**



### **Invited Speakers include**

**Henry Chapman** University of Hamburg, Germany

**So Iwata** Imperial College, London, UK

**Werner Kühlbrandt** Max Planck Institute for Biophysics, Germany

**Simon Hooker** Oxford University, UK

**John Spence** Arizona State University, USA

**Lothar Strüder** Max Plank Institute for Physics, Germany

**Daniela Stock** Victor Chang Cardiac Research Institute, Sydney

**Edgar Vredenburg** Eindhoven University of Technology, The Netherlands

### **Workshop Program**

- Membrane Protein Structure Determination
- Cellular and Subcellular Imaging
- Advanced Microscopy
- Optics and Imaging
- Sources and Detectors
- Coherent Diffractive Imaging

### **Additional Features**

- Major International and Australian speakers
- Site Tour of the Australian Synchrotron
- Poster & Oral Presentation of Recent Research
- Workshop Dinner

**More information under [www.coecxs.org/workshop2008](http://www.coecxs.org/workshop2008)**



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