

The meetings of Biology and Synchrotron Radiation (BSR) and Medical Applications of Synchrotron Radiation (MASR)



15th-18th February 2010

Melbourne Convention and Exhibition Centre, Australia

Key dates:

Early Bird Deadline

Friday 27th November, 2009

Abstract Submission Deadline

Friday 30th October, 2009

(abstract submission may be open for posters after this date)

BioXAS Study Meeting

14-15 February 2009

A meeting to discuss the latest developments in X-ray Absorption Spectroscopy techniques as applied to biological systems

Clinical Applications of Synchrotron Radiation (CASR) Satellite

20th February 2009

A forum to bring together clinicians with scientific researchers and technical experts to turn medical imaging and therapy at synchrotron facilities into a clinical reality.

Sponsors:



MONASH University
Centre for Synchrotron Science



This activity has been approved by the Royal Australasian College of Surgeons and the Australasian College of Physical Scientists & Engineers in Medicine for Continuing Professional Development credits.



BSR session themes:

- Biomaterials
- Drug discovery and design
- Infrared Spectroscopy
- Membrane proteins
- New techniques, instrumentation and sources
- Protein structure and function
- Radiation damage
- Small angle x-ray scattering and Circular Dichroism
- X-ray absorption spectroscopy
- X-ray micro/nanoprobe and imaging

MASR session themes:

- Dynamic, Functional and Static X-ray Imaging
 - Technique developments / New methods
 - Facility Updates
 - Imaging Pathological and Physiological States
- Dosimetry and Radiation Biology
- Oncology
 - Therapeutic techniques
 - Pre-clinical studies
 - Future medical applications