

# 2<sup>nd</sup> AONSA Neutron School

## 16<sup>th</sup> – 21<sup>st</sup> August 2009



[http://www.ansto.gov.au/research/bragg\\_institute/current\\_research/conferences\\_and\\_workshops/second\\_aonsa\\_neutron\\_school\\_2009](http://www.ansto.gov.au/research/bragg_institute/current_research/conferences_and_workshops/second_aonsa_neutron_school_2009)

**Venue:** Australian Nuclear Science and Technology Organisation (ANSTO), Sydney, Australia.

### Preliminary Programme:

Introduction to neutron scattering in nanoscience.  
Overview of elastic, inelastic, magnetic neutron-scattering: techniques/methods and details of the individual techniques.  
Practical sessions with hands-on experiments and data analysis.  
Applications in nanoscience using small-angle scattering, reflectometry, powder and single-crystal diffraction, inelastic and magnetic neutron scattering.  
Applications investigating textures, strain and stress.  
Modelling and neutron scattering.  
Writing a proposal and reporting results.

### Lecturers (to be confirmed):

John White (ANU), Brendan Kennedy (U. Sydney), John Stride (UNSW), Kazu Kakurai (JAEA), Andrew Studer (ANSTO), Sung-Min Choi (KAIST), Greg Warr (U. Sydney), Kwan Woo Shin (Sogong U.), Ian Gentle (AS), Chris Ling (U. Sydney), Darren Goossens (ANU), Erich Kisi (U. Newcastle), Sigi Schmid (U. Sydney), S.Mitra (BARC), Julian Gale (Curtin U.), Ulf Garbe (ANSTO), Michael Law (ANSTO), Herma Buttner (ANSTO).

**Who Should Apply:** This school is aimed at PhD students and post docs – novice users and will be limited to 40 people.

**Participation Fee:** AU\$200

**Deadline:** 28<sup>th</sup> April 2009 to submit abstract. Selection by the second half of May 2009 (selected candidates will receive registration details).

### International Advisory and Organising Committee:

Brendan Kennedy (U. Sydney), Dongfeng Chen (CARR CIAE), R. Mukhopahyay (BARC), Edy Giri Putra (BATAN), Mitsuhiro Shibayama (U. Tokyo), Masatoshi Arai (J-PARC JAEA), Sung-Min Choi (KAIST), Abdul Aziz Mohamed (Nuklear Malaysia), Tim White (Nanyang Tech U.), Tsang-Lang Lin (Tsing-Hua U.).

**Local organisers:** Herma Buttner, Bill Hamilton, Michael James, Don Kearley, Dennis Mather, Andrew Studer, Mona Yethiraj.

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