

# ANSTO – AINSE Neutron School on Dynamics and Kinetics

15-20 August 2010

At Lucas Heights (Sydney), Australia

[http://www.ansto.gov.au/research/bragg\\_institute/current\\_research/conferences\\_and\\_workshops/dynamics\\_and\\_kinetics\\_neutron\\_school\\_2010](http://www.ansto.gov.au/research/bragg_institute/current_research/conferences_and_workshops/dynamics_and_kinetics_neutron_school_2010)



This school will provide training for newcomers to neutron scattering focussing on important classes of structural and functional materials. We will not only have lectures but also practical sessions with hands-on experiments and data analysis.

## Preliminary Programme

Introduction to neutron scattering in materials science and neutron fundamentals.

Overview of elastic, inelastic, magnetic neutron-scattering, polarised neutrons techniques/methods and details of the individual techniques

Studying the kinetics of chemical systems and reactions

Studying the kinetics of physical systems (e.g. those of transitions)

Studying diffusive dynamics

Studying vibrational dynamics

Studying lattice dynamics

Modelling of kinetics and dynamics

Writing a proposal and reporting results

## Who should apply

PhD students, post docs and novice users

The number of attendees will be limited to 30

## Venue

ANSTO (AINSE and the Bragg Institute),  
New Illawarra Road,  
Lucas Heights NSW 2234,  
Australia.

## Registration fee

Participants affiliated with AINSE member institutions \$AU265 early-bird fee until 15 June 2010 after this date registration will be \$AU365.

Participants not affiliated with AINSE \$AU695 early-bird fee until 15 June 2010 after this date registration will be \$AU795.

Registration fee includes five nights accommodation, all meals and one evening on a Sydney Harbour cruise with dinner.

## Deadline

**Friday 28 April 2010**

Please use the template provided on the web for submitting your abstract.

