

# National Characterisation Roadshow 2011



Sydney, NSW  
Thursday, 27 October

University of Western Sydney, Campbelltown Campus  
Building 30, Lecture Theatre: CA-30.G.213  
10.45AM – 3.00PM

Exploring Inner Space

We invite you to register by 17 October online at  
[characterisation.org.au](http://characterisation.org.au)

## Program

- 10.45                    Doors open
- 11 - 11.10            Opening address by Prof. Professor Bill Price, University of Western Sydney
- 11.10 - 11.30        Australian Synchrotron: Introduction  
Dr David Cookson, Head of Beamline Science and Operations, Australian Synchrotron
- 11.30 - 11.50        Science at the Australian Synchrotron  
Dr Nathan Cowieson, Senior Scientist, Australian Synchrotron
- 11.50 - 12.10        National Deuteration Facility: Introduction  
Prof. Peter Holden, Director of the National Deuteration Facility
- 12.10 - 12.30        Molecular deuteration of biological and chemical species for enhanced investigations using SANS, diffraction and neutron reflectometry  
Prof. Michael James, Leader – chemical deuteration team, Senior Principal Research Scientist co-responsible for the Platypus neutron reflectometer
- 12.30 - 13.30        Lunch in the Foyer
- 13.30 - 13.50        The Australian Microscopy & Microanalysis Research Facility (AMMRF): Introduction  
Dr Miles Apperley, General Manager, AMMRF
- 13.50 - 14.10        AMMRF case studies  
Dr Jenny Whiting, Business Development Manager, AMMRF
- 14.10 - 14.30        National Imaging Facility (NIF): Introduction  
Prof. Graham Galloway, NIF Director of Operations, Centre for Advanced Imaging, University of Queensland
- 14.30 - 14.50        Molecular imaging case studies  
Prof. Richard Banati, Brain and Mind Research Institute – Imaging Centre, University of Sydney