

National Characterisation Roadshow 2011



Canberra, ACT

Friday, 28 October

Australian National University

University House (Room: The Hall)

12.00 – 4.00PM

Exploring Inner Space

We invite you to register by 17 October online at characterisation.org.au

Program

- 12.00 - 12.30 Lunch
- 12.30 - 12.40 Opening address by Prof. Lawrence Cram, Deputy Vice-Chancellor at the Australian National University
- 12.40 - 13.00 Australian Synchrotron: Introduction
Dr David Cookson, Head of Beamline Science and Operations, Australian Synchrotron
- 13.00 - 13.20 Science at the Australian Synchrotron
Dr Nathan Cowieson, Senior Scientist, Australian Synchrotron
- 13.20 - 13.40 National Deuteration Facility: Introduction
Prof. Peter Holden, Director of the National Deuteration Facility
- 13.40 - 14.00 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
- 14.00 - 14.30 Consultation Session
- 14.30 - 14.50 The Australian Microscopy & Microanalysis Research Facility (AMMRF): Introduction
Prof. Tim White, Director, Centre for Advanced Microscopy, Australian National University
- 14.50 - 15.10 AMMRF case studies
Prof. Tim J. Senden, Department of Applied Mathematics, Australian National University
- 15.10 - 15.30 National Imaging Facility (NIF): Introduction
Prof. Graham Galloway, NIF Director of Operations, Centre for Advanced Imaging, University of Queensland
- 15.30 - 15.50 Molecular imaging case studies
Prof. Richard Banati, Brain and Mind Research Institute – Imaging Centre, University of Sydney