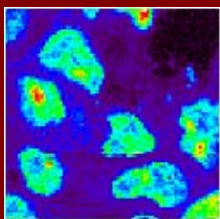


UNSW Synchrotron Workshop

Friday 19th of October 2007, 1pm - 5pm



You may be aware that Australia now possesses its own synchrotron, as well as excellent links to synchrotron facilities overseas.

Why should you care about a synchrotron?

If you use light to investigate materials, structure, or biology, and have never used a synchrotron, the University of NSW Analytical Centre would like to invite you to our a free workshop:

- Find out the capabilities of a synchrotron from seven researchers in diverse fields.
- Find out how the synchrotron community can guide you through the process that leads to good synchrotron science.
- Find out how you apply for access to the synchrotron.

Program

1:00pm Introduction from the Analytical Centre

1:15pm The Australian Synchrotron Research Program and the Australian Synchrotron.

Richard Garrett (ANSTO)

1:40pm Value-added X-Ray Diffraction at the Synchrotron

Chris Ling (USyd)

2:05pm The EXAFS & XANES Experiments.

Markus Gräfe (USyd)

2:30pm Soft X-ray Spectroscopy at the Australian Synchrotron .

Alan Buckley (UNSW)

2:55pm Break

3:25pm An Introduction to the Wide World of Small Angle Scattering

Tracey Hanley (ANSTO)

3:50pm Probing the human cell with microprobe XRF and XAS.

Medicinal Chemistry Applications of Synchrotron Radiation.

Carolyn Dillon (UoW)

4:15pm Applications of the Infrared Beamline at the Australian Synchrotron.

Liz Carter (USyd)

4:40pm Mixer

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Location:

Law Building (Theatre G02)

University of New South Wales

Anzac Parade, Kensington, NSW, 2015

UNSW Parking and the Location of the Synchrotron Workshop

