

AUSTRALIAN SYNCHROTRON NEW USER SYMPOSIUM 2018

11 JULY 2018

National Centre for Synchrotron Science



ANSTO, the Australian Synchrotron and the Australian Institute of Nuclear Science and Engineering (AINSE) welcome you to the 2018 New User Symposium.

ANSTO and the Australian Institute of Nuclear Science and Engineering (AINSE) welcome you to the 2018 Australian Synchrotron New User Symposium. Beamlines highlighted will be: powder diffraction; small angle X-ray scattering; X-ray fluorescence microscopy; X-ray absorption spectroscopy; micro and macromolecular crystallography; Infrared microscopy and Far-IR THz FTIR; imaging and medical; and soft X-ray. There will also be sessions dedicated to accessing the facility and the support laboratories available for Users.

These methods encompass a huge range of research areas:

Biosciences and Health	Chemistry
Earth and Environmental Science	Physics
Advanced Materials	Agriculture and Food processing
Engineering and Manufacturing	Cultural Heritage and Archaeology
Energy and Sustainability Science	

Travel support funding can be sought by graduate students and Early Career Researchers to attend the Symposium. Candidates for travel support must be part of an AINSE-member organisation.

New User
Symposium

REGISTRATIONS

can be made at:

NUS2018.synchrotron.org.au

REGISTRATION FEE

\$50.00^{+GST}

About ANSTO

ANSTO is Australia's national nuclear organisation and has operated since 1953. The main campus of ANSTO is located at Lucas Heights in Sydney, where it operates the 20 MW OPAL Research Reactor and employs more than 1200 staff. The Australian Synchrotron is also one of the landmark facilities operated by ANSTO.

The Australian Synchrotron is a 3 GeV electron accelerator that generates intense beams of infrared and X-ray light for the characterisation of biological and advanced materials. The Australian Synchrotron is the largest and most powerful particle accelerator in Australia, has been operational since 2007, and currently operates 10 beamlines, employs around 140 staff and hosts more than 5000 researcher visits every year.

In addition to being one of the world's largest manufacturers of radiopharmaceuticals for cancer treatment and diagnostics, ANSTO

- Provides expert scientific and technical nuclear advice to researchers, government and industry;

- Operates large and landmark nuclear science and technology based facilities for the benefit of industry and the Australian research and development community, including postgraduate students and staff in higher education; and
- Undertakes research on specific topics to advance the understanding of nuclear science and the nuclear fuel cycle.

About AINSE

The Australian Institute of Nuclear Science and Engineering (AINSE) is an integral organisation for enhancing Australia's capability in nuclear science and engineering by facilitating world-class research and education. AINSE offers a range of programs and services to its members including generous conference support, inspiring symposiums, Honours / Postgraduate scholarships and intensive education schools. These benefits aim to foster scientific advancement and promote an effective collaboration between AINSE members and ANSTO.