

Call for Proposals on OPAL Neutron-Beam Facility and National Deuteration Facility

Deadline 8 May 2009

ANSTO is now **calling for proposals** for the following neutron-beam instruments and facilities:

ECHIDNA (high-resolution powder diffractometer)
WOMBAT (high-intensity powder diffractometer)
KOALA (Laue diffractometer)
KOWARI (strain scanner)
PLATYPUS (neutron reflectometer)
QUOKKA (small-angle neutron scattering instrument)
TAIPAN (thermal 3-axis spectrometer)
Bio-Deuteration (at the National Deuteration Facility - NDF)

**Proposals should be submitted using our on-line system, <http://neutron.ansto.gov.au>.
Deadline: 8 May 2009.** For all **neutron instruments**, select round **"May 2009 - neutron"**

For **National Deuteration Facility** proposals please use the same portal <http://neutron.ansto.gov.au> selecting round **"May 2009 - deuteration"**.

Experimental reports

Users who have carried out experiments on one of the neutron-beam instruments are requested to fill in an experimental report. Note that the Program Advisory Committee has been asked to take account of the track records of our users.

The application is for beam-time requests and *does not include travel or accommodation support*. However, successful applications from researchers from AINSE member institutions (http://www.ansto.gov.au/ainse/about_ainse/member_universities) will automatically be forwarded to AINSE for consideration of travel/accommodation support.

8 May 2009	Deadline for proposals.
May/June 2009	On-line review of proposals by up to 5 expert reviewers.
July 2008	Programme Advisory Committee assesses proposals.
Sept. 2009	Scheduling of first beam-time allocations - subject to reactor operation schedule.

You can find information on the instruments and Deuteration facilities as follows:

QUOKKA – small-angle neutron scattering instrument

www.ansto.gov.au/research/bragg_institute/facilities/instruments/quokka

If your neutron experiment needs complementing with X-rays please request one of the SAXS instrument as part of your neutron proposal.

TAIPAN – thermal three-axis spectrometer

http://www.ansto.gov.au/research/bragg_institute/facilities/instruments/taipan

PLATYPUS – reflectometer

www.ansto.gov.au/research/bragg_institute/facilities/instruments/platypus.html

If your neutron experiment needs complementing with X-rays please request the X-ray reflectometer as part of your neutron proposal.

National Deuteration Facility

http://www.ansto.gov.au/research/facilities_and_equipment/national_deuteration_facility

ECHIDNA – high-resolution powder diffractometer

www.ansto.gov.au/research/bragg_institute/facilities/instruments/echidna

WOMBAT – high-intensity powder diffractometer

www.ansto.gov.au/research/bragg_institute/facilities/instruments/wombat

KOALA – Laue diffractometer

www.ansto.gov.au/research/bragg_institute/facilities/instruments/koala

KOWARI – strain scanner

www.ansto.gov.au/research/bragg_institute/facilities/instruments/kowari

An overview of our sample-environment equipment is available on the web under

www.ansto.gov.au/research/bragg_institute/facilities/sample_enviros/list_of_sample_environment

All of our instruments now have operating licences, with the exception of TAIPAN, and we expect to obtain Taipan's licence in April 2009.

We will provide a more detailed status update on the OPAL reactor and its instruments in our next newsletter Bragg Peaks 10 (in April 2009). Previous newsletters can be found on http://www.ansto.gov.au/research/bragg_institute/news2/bragg_peaks_newsletters.

For further questions please contact Bragg User Office bragg-user-office@ansto.gov.au or Herma Buttner herma.buttner@ansto.gov.au.

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