

Call for proposals on OPAL neutron-beam facility - deadline 15 October 2008

Dear Colleague,

The Bragg Institute **calls for proposals** for the following neutron-beam instruments:

ECHIDNA (high-resolution powder diffractometer)
 WOMBAT (high-intensity powder diffractometer)
 KOALA (Laue diffractometer)
 KOWARI (strain scanner)
 PLATYPUS (reflectometer).

Proposals should be submitted using our on-line system (choose round October 2008)
<http://rainbow.nbi.ansto.gov.au/Bragg/proposal/index.jsp>. **Deadline will be 15 October 2008.**

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

15 Oct. 2008
 Oct./Nov. 2008
 10-11 Dec. 2008
 Jan. 2009

Deadline for proposals.
 On-line review of proposals by up to 5 expert reviewers.
 Programme Advisory Committee assesses proposals.
 Scheduling of first beam-time allocations - subject to reactor operation schedule. Initial scheduling will likely be fairly "loose", with ~50% of the beam time made available for the formal user programme.

Status of instruments 10 September 2008

<i>Instrument</i>	<i>Licence status</i>	<i>Commissioning status</i>
ECHIDNA (high-resolution powder diffractometer) www.ansto.gov.au/research/bragg_institute/facilities/instruments/echidna.html	ARPANSA licence received	friendly-user experiments started
WOMBAT (high-intensity powder diffractometer) www.ansto.gov.au/research/bragg_institute/facilities/instruments/wombat.html	ARPANSA licence received	friendly-user experiments started
KOALA (Laue diffractometer) www.ansto.gov.au/research/bragg_institute/facilities/instruments/koala.html	ARPANSA licence received	Commissioning
KOWARI (strain scanner) www.ansto.gov.au/research/bragg_institute/facilities/instruments/kowari.html	ARPANSA licence received	Commissioning
PLATYPUS (reflectometer) www.ansto.gov.au/research/bragg_institute/facilities/instruments/platypus.html	Submission for ARPANSA licence in preparation	Hot commissioning; experiments on free liquids, or using polarised-neutron beams, will not yet be available in this proposal round. If your neutron experiment needs complementing with X-rays please

		request the X-ray reflectometer as part of your neutron proposal.
QUOKKA (small-angle neutron scattering instrument) www.ansto.gov.au/research/bragg_institute/facilities/instruments/quokka.html	Submission for ARPANSA licence in preparation	Hot commissioning; while QUOKKA has taken its first pattern the data are not yet fully analysed. We anticipate a joint proposal call for QUOKKA and the National Deuterium Facility at the end of this year or the beginning of next year.
TAIPAN (thermal three-axis spectrometer) http://www.ansto.gov.au/research/bragg_institute/facilities/instruments/taipan.html		Hot commissioning starts in October 2008

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.html

After the commissioning phase all instruments will have friendly user experiments for 2-3 months before they will be officially scheduled. Note that we have only limited time with the reactor running between now and the beginning of next year; we will provide a more detailed update on reactor and instruments in our next newsletter Bragg Peaks.

Do not hesitate to contact me if you have any further questions.

Yours sincerely,

Herma Buttner

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