



Australian Government



Accessing ANSTO

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Acting Leader - Research Services

Landmark Infrastructure for Australian Science



OPAL Research Reactor



Australian Synchrotron



National Medical Cyclotron



Neutron Scattering /
Deuteration



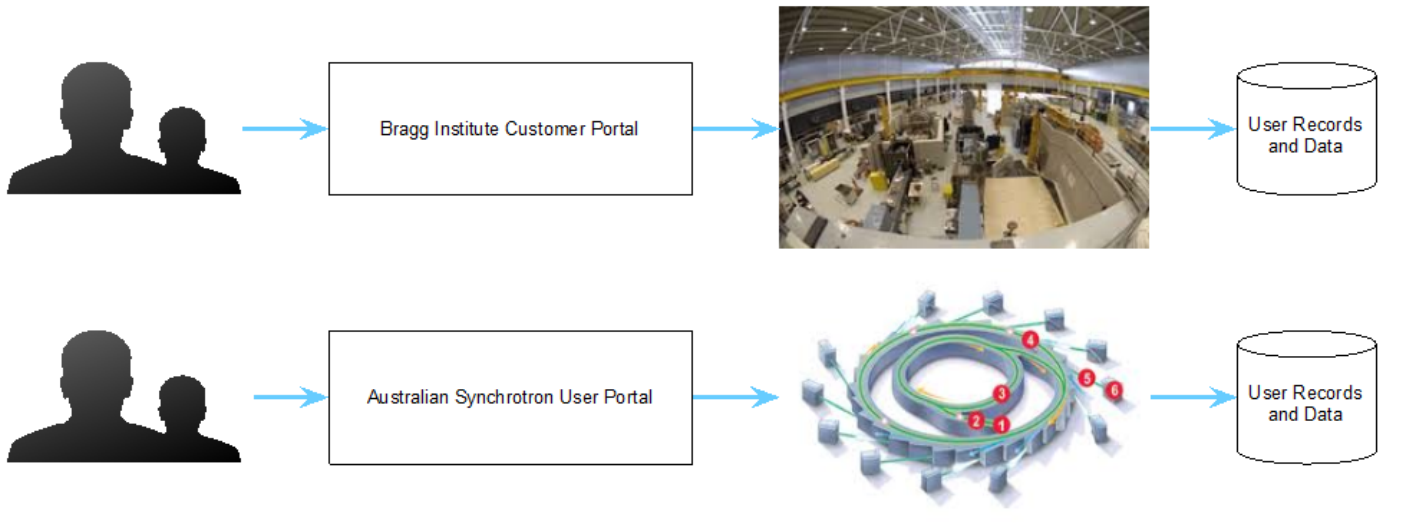
Centre for Accelerator Science



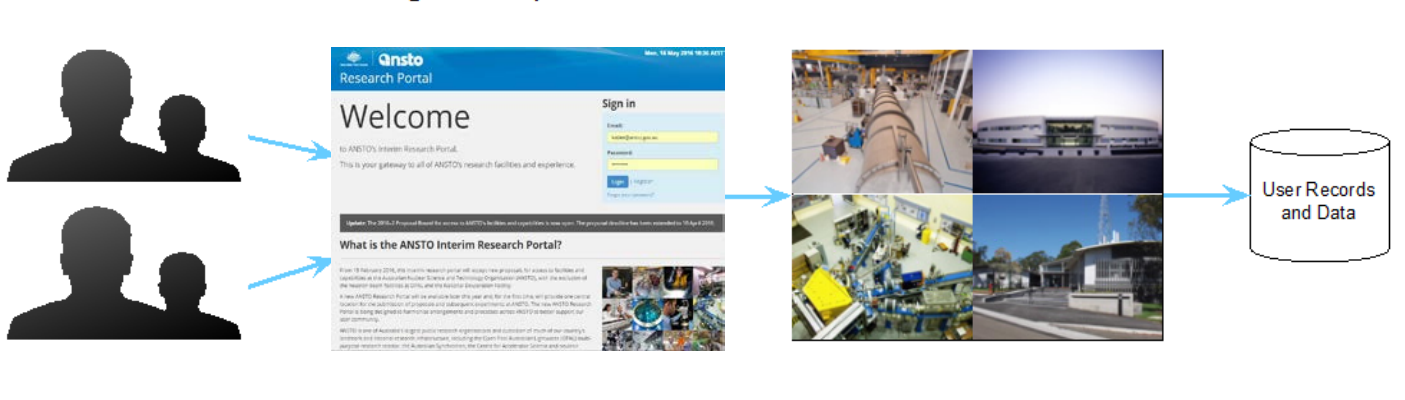
Other Science Facilities

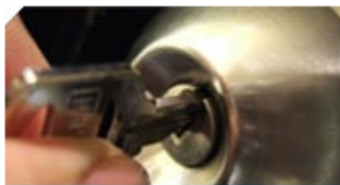
The ANSTO Research Portal

Current - Separate Portals, No Shared Data



Vision - Unified Branding, Multiple Facilities, Shared Data





Login

Welcome to the [Australian Centre for Neutron Scattering](#) proposal application for [Neutron Beam Instruments](#).

The 2017-1 Proposal Round for instrument time in the first-half of 2017 is [Now Open](#).
Proposals are due by 15 September, 2016.

Welcome

This portal is for the submission and review of proposals and subsequent experiments at the OPAL neutron-beam facility. Please login if you have an account. If you are a new user please create your account. You can then proceed using the system, e.g. for submission of proposals, reviewing proposals, adding experimenters, providing experimental reports and similar.

* Email

* Password

Login

[Create New Account](#) [Forgotten your Password?](#)

Experiment Feedback

You may already have an account even if you have not logged in — someone may have added you to their proposal. If this is the case, you will not have a password. Click 'Forgotten Your Password?' to get one.

You should **not** use the **back button** on your browser when using this application. You need **JavaScript** and **pop-ups** enabled.

The portal has been successfully tested on the following browsers:

- PC: Firefox, Chrome, IE
- Mac: Safari, Firefox
- Linux: Firefox

If you have technical difficulties, please [contact us](#), including details of your problem, your operating system and browser.

Welcome

to ANSTO's Interim Research Portal.

This is your gateway to all of ANSTO's research facilities and experience.

Sign in

Email:

Password:

Login | Register

[Forgot your password?](#)

Update: The 2016-2 Proposal Round for access to ANSTO's facilities and capabilities is now open. The proposal deadline has been extended to 10 April 2016.

What is the ANSTO Interim Research Portal?

From 15 February 2016, this interim research portal will accept new proposals for access to facilities and capabilities at the Australian Nuclear Science and Technology Organisation (ANSTO), with the exclusion of the neutron-beam facilities at OPAL and the National Deuteration Facility.

A new ANSTO Research Portal will be available later this year and, for the first time, will provide one central location for the submission of proposals and subsequent experiments at ANSTO. The new ANSTO Research Portal is being designed to harmonise arrangements and processes across ANSTO to better support our user community.

ANSTO is one of Australia's largest public research organisations and custodian of much of our country's landmark and national research infrastructure, including the Open Pool Australian Lightwater (OPAL) multi-purpose research reactor, the Australian Synchrotron, the Centre for Accelerator Science and neutron beam instruments.

On average, ANSTO accommodates over 1800 visiting researchers from other Australian research



<http://portal.ansto.gov.au>

Research Portal

[Logout](#)[Dashboard](#)[Proposals](#)[Profile](#)[Admin](#)

My Proposals

This only shows you your five most recent proposals. For the complete list, see the Proposals tab.

ID	Round	Title	Type	Owner	Status	Edit	PDF	Copy
10542	N/A	test	Life Sciences Proposal	Joseph Bevitt (ANSTO - Bragg Institute)	In Preparation	Edit	PDF	Copy
10008	2016-2	First	Normal Proposal	Paolo Imperia (ANSTO - Bragg Institute)	In Preparation	Edit	PDF	Copy

[Create new proposal](#)



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Wed, 27 Jul 2016 8:42 AEST

Research Portal

Logout

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Proposal Creation

Access to ANSTO equipment, facilities and capabilities are through collaborative research. Proposal applications are open to members of Universities, Publically Funded Research Organisations or to Industry where an ANSTO staff member is listed as an Investigator.

If you are a first-time user of ANSTO capabilities, we encourage you to contact the relevant ANSTO scientist(s), or the ANSTO User Office via [email](#) for advice before starting your proposal.

ANSTO local-contact scientist(s) can:

- work with you to develop your proposal
- advise on the most appropriate capability selections
- help you optimise the use of our capabilities

Proposals may be research, commercial, collaborative, partnerships, etc.

A list of all ANSTO equipment, facilities and capabilities is available [here](#).

Explore ANSTO to Create a Proposal



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ANSTO Access Pathways

Expression of Interest

- Enquiry form
- First time users
- Either Access, Program or Commercial

Access Proposal

- Normal access, one time use, mail in, etc .
- With in the 12 month range
- Frequent users of ANSTO Facilities.

Program Proposal

- Long term proposal - years
- A number of access proposals in the overall program

ANSTO Access Policy

- Principle Investigator agrees to principles of non-proprietary research and takes responsibility for their team
 - Non-proprietary research (no IP)
 - Publish in open literature
 - Acknowledgment of ANSTO on publication
 - **Collaboration, Partnership vs Service** (consistent with the “Australian Code for the Responsible Conduct of Research”)
 - **Collaboration** – “special” technical/experimental setup, assistance with data analysis, writing papers
 - **Service** – standard assistance with experiment up to and including data reduction
 - **Partnership**
 - Data policy
- Each Researcher completes a Guest Researcher agreement upon arrival
 - Safety
 - Security
 - Confidentiality
 - Has Medical Insurance/Cover (international users)

Proposal Process

- Submission (**Proposal Deadlines: 15 Sep, 15 Mar**)
- Review – online through Web portal
 - **Scientific** – national & international experts
 - **Technical & Safety Review**
 - **Regulatory Review (DECO, ASNO, Animal Ethics, etc.)**
 - **External Advisory Committees**

 - Platform Leader approves recommendation & makes adjustments if required
- Scheduling
 - user office & platform scientists
- Completion
 - customer feedback requested
- Reporting
 - brief scientific report
 - publications

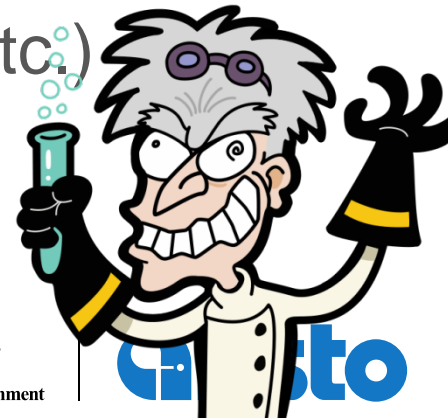
Proposal Review Process

- **Scientific Review (up to 6 reviewers)**
 - Scientific merit (interesting, relevance to field)
 - Planning of experiment including the efficient use of samples and equipment
 - Ranking



Proposal Review Process

- **Technical Review (ANSTO Scientists)**
 - instrumental/technical feasibility
 - recommendation on beam-time allocation
 - efficient use of sample/sample environment
 - sample environment ready, adequate and will fit the instrument
 - overlap with other groups,
 - type of experimenters (new users, students etc.)
 - any hazard
 - special scheduling features



Proposal Review Process

- **Safety review (Lab Manager or scientific staff)**
 - special hazards concerning sample, incl. irradiation in beam
 - sample handling after experiment
 - special hazards concerning sample environment
 - any hazard in addition to what is mentioned
 - special safety procedures required
 - special scheduling features



Proposal Details – e.g. beam time

- Your proposed experiment should provide the following information (< 800 words):
 - Scientific background,
 - Aim of the proposed experiment,
 - Detailed description of experiment (remember that referees might not be experts in the field)
 - Results of preliminary work carried out (e.g. using x-rays, NMR, etc.)
 - Reason for choice of requested instrument,
 - How you calculated the requested beam time
 - List relevant published literature.
- Consult with the ANSTO scientists!

Proposal Details – e.g. Deuteration

- **Deuteration (Chemical or Biodeuteration)**
- **In 500 words or less:**
 - Name, quantity required, formula, molecular weight, class of compound and structure.
 - Biological or chemical deuteration or don't know?
 - Desired percentage deuteration and justification.
 - Describe selective deuteration if required
 - Format: deuterated biomass, partially or fully purified molecule(s) and quantity.
- **Scientific purpose for deuteration**
 - Describe the proposed neutron, NMR or other experiment that you propose to use the deuterated molecule(s)

Program Proposal Details

- Aim and significance of the proposed research;
- Scientific background;
- ***The vision that demonstrates that this research merits*** the status of an integrated program, rather than a series of normal proposals;
- Indicative description of the experiments to be carried out over the course of the program, including a generic list of samples and a provisional schedule of expected beamtime requirements;
- ***A plan for implementation of the Program including timeline;***
- Results of preliminary work carried out (e.g. using x-rays, NMR, etc.)
- Reason for choice of requested capability,
- Brief description of your experience and track record with neutron scattering techniques,
- List of relevant published literature (in following section).
- Maximum 5000 words.



1) Experiment

P1344: Investigation of the host-guest interactions upon adsorption of dihydrogen within a

- **Following the tabs...**
 - Researchers details (attending and non-attending)
 - Instrument(s) required
 - Days / samples requested per facility
 - Preferred, available and unavailable dates
 - Sample details
 - Accept Terms & Conditions when submitting

Proposal Deadlines

- **2017-1 Round (access Jan – Jun 2017)**
 - Proposals due (neutrons, NDF) 15 Sep 2016
 - Proposals due (all other ANSTO) 30 Sep 2016
 - Notification of access: mid Nov 2016
 - Schedule announced: early Dec 2016
- **2017-2 Round (access Jul – Dec 2017)**
 - Proposals due: 15 Mar 2017
 - Notification of access: mid May 2017
 - Schedule announced: early Jun 2017

Getting Started

- General Queries:

user.office@ansto.gov.au

user.office@synchrotron.org.au

- Scientific Queries: joseph.bevitt@ansto.gov.au

- Website: <http://www.ansto.gov.au>

- Portal: <http://portal.ansto.gov.au>