

First Announcement

Accelerator Technology Forum and Controls Meeting: ATF + IC-CoP

17th – 20th October

2022 Canberra,

Australia

The Accelerator Technology Forum and Controls Meeting are aimed at honours and postgraduate students, researchers, engineers and technical personnel who use, or may be interested in using, electro-physical installations and associated control systems for scientific, medical and industrial applications. It will cover a wide spectrum of topics, ranging across all aspects of engineering, technology, and industrial applications. Bringing together experts and the community using accelerated ion beams, astronomy and developing other state-of-the-art instrumentation, this ATF+ IC-CoP will provide a forum to build cross-institutional and cross-disciplinary links.

Location: The Symposium will be held on the Australian National University campus, Canberra. The weather in October in Canberra is usually excellent.

Starting and finishing times: The ATF + IC-CoP program will commence at 9 am on the 17th October, and finish at 3 pm on the 20th October.

Abstracts: The deadline for contributed abstracts is 19th September 2022. The aim is that most abstracts will be selected for oral presentation.

Registration: The registration deadline is 19th September 2022. A charge of A\$450 will cover the coffee breaks, lunches, barbeque and a symposium dinner and excursion. Registration will open on the 21st August 2022, with details on the conference webpage and in future circulars.

Accommodation: A block booking of accommodation on the ANU campus and surrounding areas for attendees has been made for the 17th to 20th October. This accommodation will be allocated in order of registration. The conference webpage will also give information on accommodation options nearby that attendees will be able to book themselves.

Conference webpage: The forthcoming conference webpage will be accessed through the Indico website: <https://events01.synchrotron.org.au/event/160/>

Financial support for student attendees submitting an abstract:

- No charge for attendance
- Subsidy of travel costs of up to \$200, depending on actual travel costs

The number of fully supported student places is not unlimited. Student support will be allocated in order of abstract receipt, after registrations close.

Scientific Program: The program will consist of overview talks aimed at a wide audience, and short contributed presentations aimed at a broad audience.

ATF + IC-CoP topics will include:

- most recent developments in electro-physical installations and associated control systems for scientific, medical and industrial applications in Australia
- Highlight the current state of complex scientific and technological equipment, recent developments and applications in Australasia
- accelerated ion beams in Astrophysics, Environmental Studies, Geology, Industry, Materials Science, Medical Science, Nuclear Physics, and Particle Physics.
- Instrumentation related to scientific and technological equipment, accelerated ion beams and radiation detection.
- This is a technical forum with the goal of sharing engineering experiences and best practice across the silos of the individual scientific disciplines.

Although there will be many joint sessions, the agenda will be structured with ATF topics on days 1-3 and IC-CoP topics on days 2-4 to facilitate people who can only join for three days.

Proceedings: Proceedings of all oral presentations will be published through Indico, and will be accessible for free download. No papers need to be prepared.

Organizers: The ATF + IC-CoP is organized by the Advanced Instrumentation Technology Centre RSAA ANU, Department of Nuclear Physics and Accelerator Applications, RSP ANU and Controls Group at AS ANSTO.

Sponsors: The ATF + IC-CoP acknowledges in-kind support from the ANU and the Australian Collaboration for Accelerator Science (ACAS) and the ANU Research School of Astronomy and Astrophysics.

Industry sponsorship and attendance is welcome. We offer the opportunity to provide information sheets which will be included in the book of abstracts, and to set up an information stand at the location of the lunches and symposium barbeque dinner.

For further details, please contact us at:
npaa.physics@anu.edu.au