

Heavy Ion Accelerator Symposium

Delegate Information

Presented by



Australian
National
University



HEAVY ION ACCELERATORS



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Foreword

Dear HIAS 2024 Participants,

We are glad to welcome you to Canberra for HIAS 2024, the eighth in the series of Heavy Ion Accelerator Symposia on Fundamental and Applied Science.

This year the symposium has a domestic focus with the theme “Accelerators for a stronger and more resilient nation”. The Symposium will provide a forum to build cross-institutional and cross-disciplinary links and reflect on the ways our research community can support the national priorities.

Symposium topics will cover:

- Education and workforce
- Technologies for space
- Climate and environmental resilience
- Quantum and advanced materials manufacturing.

We are delighted to have received a strong response with more than 80 participants attending the Symposium. The contributions constitute a diverse program with a wide range of topics, keynote talks, panel sessions and short student presentations.

We gratefully acknowledge our host, the Department of Nuclear Physics and Accelerator Applications ([NPAA](#)) at the Research School of Physics, The Australian National University, the sponsor and co-host Heavy Ion Accelerators ([HIA](#)), and the Australian Institute of Nuclear Science and Engineering ([AINSE](#)) for supporting interstate students travel through the conference sponsorship grant.

We thank the NPAA and HIA staff who contributed to the symposium planning and organisation.

We wish you a productive and enjoyable time at the Symposium.

The Organising Committee

Program

The conference program, including information about speakers, talk titles and abstracts is available on our [website](#). This can be accessed by scanning the QR code.



Organising Committee

Chair – Dr Thomas McGoram Thomas.McGoram@anu.edu.au

Education and training – Dr AJ Mitchell aj.mitchell@anu.edu.au

Space technologies – Dr Lauren Bezzina lauren.bezzina@anu.edu.au

Quantum and advanced materials – Professor Rob Elliman Rob.Elliman@anu.edu.au

Climate and environmental resilience - Dr Michaela Froehlich
michaela.froehlich@anu.edu.au

Secretary – Ms. Alina Bryleva alina.bryleva@anu.edu.au

Please direct your email enquiries before, during or after the conference to
hias.physics@anu.edu.au.

On-site support

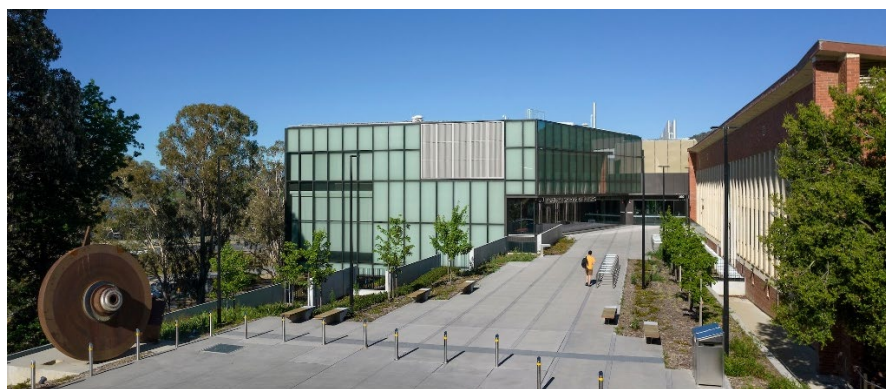
Petra Rickman petra.rickman@anu.edu.au / 0419-496-563

Alexandra Popko alexandra.popko@anu.edu.au / 0424-716-121

Alina Bryleva alina.bryleva@anu.edu.au / 0474-348-869

Venue

The Symposium will take place at the Physics Auditorium, level 3, Building # 160, end of Mills Road, Acton, 2601 ([map](#)).



Parking on campus could be challenging. If you arrive by car, please allow sufficient time to park and walk to the venue. Please visit [ANU Transport and Parking](#) webpage for more information.

Registration

The registration desk will be staffed every morning in the foyer.

Please pass by to collect your delegate badge and the conference bag which are available for every delegate.

To reduce waste and environmental impact, we would appreciate you returning plastic delegate badges and lanyards to the onsite support team or dropping them at the registration desk at the end of the symposium, so that they can be reused at future events.

Wi Fi

Log in: HIAS24

Password: HIAS2024

Presenter Guidelines

If you give a talk at the Symposium, we would appreciate your cooperation to follow the following guidelines.

Presentations

- As the Symposium aims to provide a forum to build cross-institutional and cross-disciplinary links, we will have a diverse program of talks and audience. Please make your talk and slides accessible to a wider audience to foster collaboration between users of different applications and bearing in mind that conference will be attended by undergraduate students as well.
- Please submit your presentation a day prior to your talk to hias.physics@anu.edu.au or bring it on a USB stick before the start of your session so that it is copied to a desktop presenter computer. **We will not be able to connect your laptop to a screen as it often causes technical issues.**
- Presentations can be given to the conference administration team at registration. Please remain with our team until you have confirmed that the presentation is working. Spare USB will be available to transfer your files.
- If you choose not to provide your presentation prior to your speaking slot and there are issues getting your presentation to work, no additional time will be provided. You will need to cut the presentation to fit within the timeslot you have.

Timing

- You will be provided with a program at registration.
- Please be available in the Auditorium at the start of your session.



- Following the previous speaker's presentation, the session chair will introduce you. Please come on stage at this time.
- One minute prior to your presentation's scheduled end, the session chair will come on stage. At your sessions scheduled end, the session chair will join you at the lectern.
- The symposium is about helping our team grow in their careers. Some session chairs may be doing this for the first time. Please be respectful of them and your fellow speakers by keeping to your allotted time.
- Please be mindful about your time allocation and leave time for the members the audience to ask questions. We recommend the following time allocation:
 - Invited speakers 25 minutes: 20-minute talk + 5 minutes for QnA.
 - Regular talks 15 minutes: 10-minute talk + 5 minutes QnA.

Photography

The group photo will be taken at the Auditorium on 12 November after the Panel 2, before afternoon tea.

In addition, photography and videography may be taken at the event and your image and voice in any medium for audio and visual reproduction (the Material) may be recorded. By registering for this event, you give a consent to the university to use, publish, share (including with third parties) or broadcast the Material in any medium, for any editorial or commercial purposes connected with the University.

Please let us know if you do not want your image and voice being recorded.

Facility Tour

A tour to the Heavy Ion Accelerator Facility ([HIAF](#)) and the Ion Implantation lab ([iiLab](#)) is offered on Tuesday, 12 Nov at 5 pm. Please RSVP via hias.physics@anu.edu.au if you are interested in attending.

Social Functions

There will be two social dinners:

- Monday 11 November Welcome BBQ will be at the Nuclear Physics building, 57 Garran Road, Acton, 2601 ([map](#)).
- Tuesday 12 November the dinner will be offered on level 2 of the New Physics Building, 160 Mills Road.

If you would like to bring a partner, colleague or friend, they can attend for \$30. Please RSVP via hias.physics@anu.edu.au.



Code of Conduct

The Heavy Ion Accelerator Symposium is dedicated to providing a positive respectful conference experience for everyone regardless of their gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, socio-economic background or religion. We want to provide an environment that is free from discrimination, vilification, harassment, bullying and victimisation and characterised by respect.

Harassment is unlawful under both federal and all Australian state anti-discrimination laws, and as such, people suspected of such misconduct may be reported to the relevant authorities.

Adherence to this Code of Conduct is a requirement for all conference participants and covers all aspects of this event, including conference sessions and breaks, all social events and all communication, including that via email, social media, official and unofficial channels.

Therefore, we do not tolerate unlawful discrimination and harassment of Symposium participants in any form.

Unacceptable behaviour includes, but is not limited to:

- Offensive verbal or written comments (related to gender, gender identity and expression sexual orientation, disability, physical appearance, body size, race, religion).
- Sexual images in public spaces.
- Deliberate intimidation.
- Stalking and / or following.
- Unwanted photography or recording (if you are asked to stop photographing or recording someone, please do so; if someone indicates that they do not want to be photographed or recorded, do not record or photograph them).
- Sustained disruption of talks or other events.
- Inappropriate and / or unwanted physical contact.
- Unwelcome sexual attention, which can include inappropriate questions of a sexual nature, asking for sexual favours or repeatedly asking for dates or contact information, harassment by electronic (and social) media.

All attendees are subject to this Code of Conduct policy, as well as should comply with the [ANU Code of Conduct](#).



Participants asked to stop behaviour considered as unlawful or harassing are expected to comply immediately. If a participant engages in harassing behaviour, the Symposium organisers may take any action they deem appropriate, including warning the offender, cutting short their presentation or expulsion from the conference.

If you are being harassed, notice that someone else is being harassed, or have another concern, please contact one of the conference organisers immediately or have a confidential discussion with the Organising Committee Chair Dr Tom McGoram Thomas.McGoram@anu.edu.au.

The organisers will be happy to help participants contact police, provide escorts, or otherwise assist anyone experiencing harassment to feel safe for the duration of the Symposium.

We value your attendance and appreciate your active support in making our Symposium inclusive.

Safety, Health & Medical

In case of minor accidents, please seek help from the event organisers.

In case of an emergency dial 000.

Please also notify a member the organising committee via hias.physics@anu.edu.au about any accidents, when you are safe to do so. Your organisation may also require an incident report.

ANU Security: 02 6125 2249

If you feel unsafe while on campus, you can request a Unisafe escort (dial 02 6125 2249).

ACT police assistance line: 131 444 (Call this number if you require police assistance, but there is no immediate danger).

Masks – please bring some with you if you would like to use them. If you have any symptoms of COVID, or feel otherwise unwell, please do not attend any sessions.

Things to see and do in Canberra

The ANU campus is well connected via walking and cycle paths to the city centre, Lake Burley Griffin, the [Australian National Botanic Gardens](#) and the [National Museum of Australia](#), which are all within 2 kilometers of the department. Please refer to the [Visit Canberra](#) website for more information.

