



aip
Summer
Meeting 2025

University of Wollongong
1 - 5 December

Welcome

We are delighted to welcome you to the 2025 Australian Institute of Physics (AIP) Summer Meeting, held this year from 1 - 5 December at the University of Wollongong, New South Wales, Australia. This societal meeting is aimed at professional scientists, academics, post-doctoral researchers, and PhD students based in Australia. Thank you for joining us, helping us to create an exceptional experience for physicists from Australia, New Zealand and around the world.

Prof. Susanna Guatelli, University of Wollongong and Prof. Kirrily Rule, ANSTO Co-chairs, AIP Summer Meeting 2025.

About the Summer Meeting



The AIP Summer Meeting is a bi-annual event of the AIP, held since 2017 in major cities like Sydney, Melbourne, Brisbane, and Canberra. For the first time, it will be hosted in a regional location at the University of Wollongong, NSW. This meeting alternates with the AIP Congress and offers a more informal setting for the physics research community to present their findings and future plans. With around 300 delegates expected, this meeting presents a prime opportunity for academics to connect with industry, defence and government to present new results and discuss challenges we face as physicists in Australia.

The Australian Institute of Physics, a non-profit organisation, has been promoting the role of physics in research, education, industry, and the community since its formation in 1963. It evolved from the Australian Branch of the Institute of Physics in the UK (IOP) and continues to serve the needs and interests of professional physicists and physics enthusiasts.

Our Venue



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In 2025, the **University of Wollongong** proudly marks 50 years as an independent institution, a milestone that celebrates our journey from a small campus supporting the region's steel industry to a world-class university ranked among the top one per cent globally. The conference will be held in the Hope Theatre and the McKinnon Building on the University of Wollongong's main campus. Located in the coastal city of Wollongong, approximately 80 kilometers south of Sydney, the university is set in lush native Australian bushland and is one of the most picturesque campuses in Australia.



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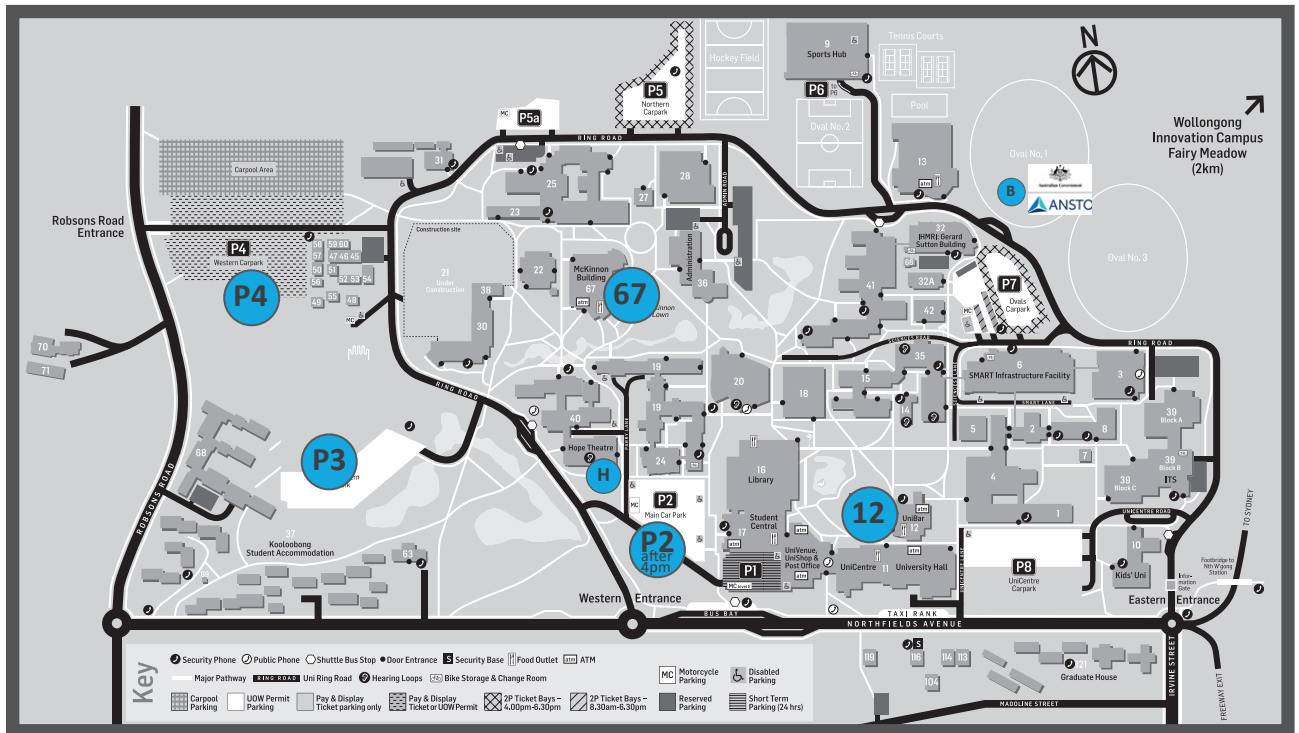


Access
Campus Map
Online



uow.info/online-maps

The University of Wollongong



- 67** McKinnon
- H** Hope Theatre
- 12** Uni Bar
- P** Parking
P3, P4
P2 (after 4pm)
- B** Ansto Tour
Meeting Point

Acknowledgement of Country

The Summer Meeting will take place on the traditional lands of the Dhawaral, Yuin, and Wadi Wadi peoples. We pay our respects to Elders past and present and celebrate the diversity of First Nations peoples and their ongoing cultures and connections to the lands and waters of Australia.

Sponsors

This conference could not operate without the generous support of all our sponsors. Morning tea, lunches and afternoon tea will be served in the foyer of the McKinnon building amongst sponsors exhibitions

Internet

Wifi is available through **eduroam**. If you do not have access to eduroam, please contact the organisers.



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Sponsors and Exhibitors

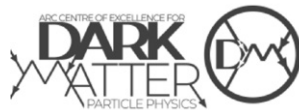
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Exhibitors

Bauer Kompressoren
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Lastek Pty Ltd
NanoTechnology Solutions

Nano Vacuum and Boson
Engineering
Prodigitek
Warsash Scientific
Zurich Instruments AG



Public Transport

Notice: Buses will replace trains to Wollongong on Sunday, 30 December. Please allow extra time.

Plan your journey: transportnsw.info/trip#/trip

Trains to Wollongong Station: run every 30 to 60 minutes.

From Sydney Airport, take a train heading away from the city to Wolli Creek. Then transfer, by walking up two sets of stairs, to the South Coast Line, which terminates at Kiama or Wollongong, and disembark at Wollongong Station.

From Central Station: Trains run on the South Coast Line to Wollongong Station.

Tap on and Off: Remember to tap on and off at each part of your journey. Contactless payments (such as VISA payWave) are accepted.

NOTE: A full adult fare will be charged if a contactless payment method is used.

Parking

If you are driving to the Summer meeting choose from three carparks

P3 and P4 which cost, \$10.10 for 6 hours or more

pay at the machine and then display the ticket on the car.

P2 can be used by visitors only after 4 pm.

Poster Presentations

Poster sessions will be held in Foyer of the McKinnon Building, see map.

Please ensure your posters are up by lunchtime of the day you are presenting.

You will find your abstract number on a poster board.

You can find your abstract number from your Indico acceptance email you were sent in October.



Special Event Sponsorship

A special thank you to:

Conference Dinner: Liquid Instruments

Undergraduate Students: Swinburne University

Industry Forum: iAccelerate

Teachers' Breakfast SQA

Plenary Speaker: Laboratories Credit Union

Session Sponsor: IPAS

Session Sponsor: OZGRAV

Student travel awards: AINSE





Wednesday afternoon – choose your own adventure

Wednesday, 3 December afternoon sees a break in the traditional conference presentations. Instead there is a choice of different options for you to choose from:



ANSTO Tour (booking required)

Join us for a tour of Australia's only operating nuclear facility. This tour provides an in depth look into the world of nuclear science and the work ANSTO does in the areas of health, the environment and delivering solutions for industry. Please meet the bus at 1.45pm on Wednesday, 3 December (on the ring road between building 6 and 43 on the map).

Physics in Industry Day

The annual Physics in Industry Days has been an initiative to bring together researchers, industry, service providers, decision makers, educators and the general public to connect and learn. Our Topic in 2025 – Future Space Technologies

ECR Personalised Grant Writing Workshop

A hands-on grant writing workshop for ECRs providing advice from former ARC College of Experts members.

Contact: Prof Alexander Hamilton, UNSW
Alex.Hamilton@unsw.edu.au



NSW AIP Branch Annual Postgraduate Awards

The NSW AIP Branch will hold its Annual Postgraduate Awards afternoon on Wednesday, 3 December. Each NSW university has invited a postgraduate physics nominee to compete for the AIP-NSW Postgraduate medal and the RSNSW Jak Kelly prize.

Student Networking Afternoon Tea

An afternoon tea will be convened especially for students to attend and network. Format to be determined by student representatives.



Social Events

Join us for social and group events throughout the week.



Monday Public Lecture

“Accelerating Science (and Everything Else) with AI”

Speaker: Professor Toby Walsh, UNSW

When: 6 - 7pm

Where: Hope Theatre, University of Wollongong main campus

When: Monday, 1 December, 6 pm – 7 pm



Tuesday Diversity and Inclusion Breakfast

Focus: Women* in Physics

Join us for a fantastic morning of networking at the Women* in Physics Networking Breakfast. We are pleased to announce that some former AIP WiP lecturers will join us for a breakfast panel to discuss the impact a national lecture tour had on their careers and to discuss challenges they continue to face in Physics, as well as strategies to overcome these challenges.

Where: Room 101, McKinnon Building (B67)

When: Tuesday, 2 December, from 7.30 am

We warmly welcome women gender fluid, trans, and non-binary individuals.

Tuesday Future of Australian Physics Forum

We invite you to join us on Tuesday, 2 December at the Hope Theatre at the University of Wollongong to engage in a community panel and conversation.

Hosted by Professor Martin White from the University of Adelaide.

Where: Hope Theatre, University of Wollongong main campus

When: Tuesday, 2 December, 1.40 pm - 3.30 pm



Thursday Teachers breakfast

Bridging the Gap: Inspiring the Next Generation of Physicists

A conversation on how collaboration between schools, universities, and the broader physics community can support and sustain student engagement in physics. Hosted by Dr Frederick Osman

Where: Room 101, McKinnon Building (B67)

When: Thursday, 4 December, from 7.30am



Special Event Sponsor