



OzGrav

SWINBURNE
UNIVERSITY OF
TECHNOLOGY

ASTRAL 2025

ASTRAL
STANDS FOR

ASTROPHYSICS

SUPERCOMPUTING

TECHNOLOGY

RESEARCH

ANALYTICS

LEADERSHIP

Image by CARL KNOX, OZGRAV

Applications are now open for 2025!

A.S.T.R.A.L. is cultivating the next generation of leaders in a future dominated by science, technology, engineering and mathematics (STEM). ASTRAL 2025 is aimed at students who have completed year 10, have an interest in a STEM career, and want to take part in a real 3-week research project with professional astrophysicists at Swinburne University of Technology in Melbourne, Australia. Students will be mentored in astrophysics, programming, research and leadership.

The deadline for ASTRAL 2025 applications is 20th December 2024

WHERE AND WHEN?

ASTRAL 2025 will take place at the Centre for Astrophysics and Supercomputing at Swinburne University of Technology. Participation is on campus from Jan 6-24, 2025. Students will use the Swinburne supercomputer and 3D virtual reality theatre to work on a modern research project in astrophysics.

ASTRAL's premiere activity is the MilliPheDe, a taste of how real research is conducted. The 3 week program aims to take real data to produce a scientific result by working as a team under the expert supervision of world-renowned researchers.

Opportunities for ongoing engagement in the ASTRAL project are available to students who complete the MilliPheDe.

WHO CAN APPLY?

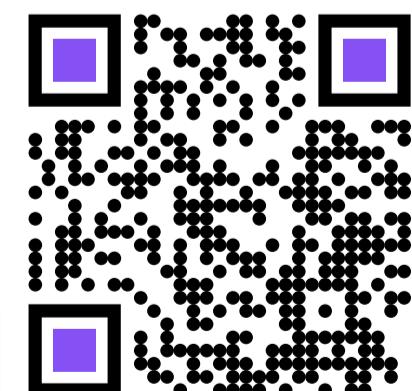
To apply for ASTRAL 2025, you need to

- have completed year 10 of high school before 2025
- have some experience with programming languages
- tell us about your interest and aptitude in STEM subjects

WHERE TO APPLY?

Fill out our on-line form at

<https://astral.institute/apply.html>



"I loved my time at ASTRAL! It was a life-changing opportunity to actively engage with my interests in a completely new way, as well as work with some amazing like-minded people I never would have met otherwise."

◇ EVIE SPILIAS (ASTRAL COHORT OF 2024)