

SSO Internships

In early 2024, we are offering four internships in the field of astronomy at Siding Spring Observatory.

For three weeks, the interns will participate in the daily morning meetings of a major astronomical observatory while conducting one of two projects. By attending the meetings, they will gain an appreciation of the work that is done by staff to make the telescopes at SSO ready for a night's observing.

The two projects are:

Project 1: [Determining Atmospheric Transparency and Image Quality Using Acquisition Images Obtained with the WiFeS Autoguiding Camera](#)

Project 2: [The Stability of the WiFeS Instrument](#)

Two interns will be assigned to each project.

Contacts

Christopher Lidman <christopher.lidman@anu.edu.au>

Rob Sharp <rob.sharp@anu.edu.au>

Interns

Name	E-mail	Project	Course	Stay in Cottage 3	Deed	Travel Plans
Chuhan Zhang	Chuhan.Zhang@anu.edu.au	2	SCNC8000	Yes	Ready for signing	Submitted
Rongjun Huang	Rongjun.Huang@anu.edu.au	2	SCNC8000	Yes	Ready for signing	Submitted
Aditya Singh Tejas	u7415856@anu.edu.au	1	SCNC3000	Yes	Ready for signing	Submitted
Max Fleming	u7476373@anu.edu.au	1	SCNC3000	Yes?	Draft	

Useful Documentation

- [Course Study Guide](#)

Skills and knowledge to be acquired

- Develop an appreciation of the work done at a modern observatory
- Manipulate FITS files
- Extract information from data using pipelines and/or bespoke software
- Write a report and present the results

Logistics

Travel to and from SSO

Interns to organise their own transport to and from SSO.
Interns will need to submit travel eForms.

Accommodation

Cottage #3 - 4 bedroom house with kitchen, dining room and lounge.
Linen is provided.

Weekly rent \$250 (divided by the number of interns staying)

Office

Located on the 1st floor of the AAT.

Administration

Start Date: 29/01/2023

End Date: 16/02/2023

Deeds

See the individual folders

WHS

[SSO induction](#) - This can be completed before you travel to SSO

[Inductions](#) to the AAT and the 2.3-metre

Assessment

Assessment will consist of

- A two page project proposal. A joint proposal is fine. Due at the end of the first week.
- A 10 minute oral presentation to the staff at the Observatory. A joint talk is fine. Due on the last day.
- A short (up to 10 pages) report. A joint report is fine. Due one week after the Internship.
- Career development program and reflection. Due two weeks after the internship.