



NAME: Anglo Australian Telescope (AAT)  
BUILT: Early 1970's  
YOUR TOUR GUIDES: AAT Staff  
FACTS: Mirror is 3.9m diameter and weights 16tonne!  
Diameter is 37m & height to base of dome 26m  
**COME TOUR INSIDE ME!**



NAME: ANU 2.3m Telescope  
BUILT: Early 1980's  
YOUR TOUR GUIDE: Ian Adams & ANU Staff  
FACTS: Rather than a rotating telescope mount, the whole building rotates!  
And with a light mirror weight this allows for more rapid movement during observations.  
**COME TOUR INSIDE ME!**



NAME: Huntsman Telescope  
BUILT: 2020  
YOUR TOUR GUIDE: Huntsman Team  
FACTS: Looks like a Huntsman??? Go and have a look!  
**COME TOUR ME!**



NAME: iTelescope  
BUILT: 2013  
YOUR TOUR GUIDE: Blake Estes  
FACTS: -Telescopes are located all around the world  
Anyone can book time on these telescopes  
There are 24 telescopes in the building!  
**COME TOUR INSIDE ME!**



NAME: Korea Microlensing Telescope Network (KMTNet)  
BUILT: 2014  
FACTS: KMTNet has telescopes all around the world  
Mirror is 1.6m in diameter  
Targeting—the discovery of extra solar plants  
**NOT OPEN TO PUBLIC**



NAME: Las Cumbres Observatory (LCO)  
BUILT: 2002-2003  
FACTS: 1x2m Telescope  
2x 1mTelescopes  
LCO has telescopes all around the world  
**NOT OPEN TO PUBLIC**



NAME: Skymapper  
BUILT: Late 2000's  
FACTS: Dome is 11.5m high, and 6.25m in diameter  
Its mapping the entire southern sky, by the time its finished it will have imaged more than BILLION stars and galaxies!!  
**NOT OPEN TO PUBLIC**



NAME: United Kingdom Schmidt Telescope (UKST)  
BUILT: Early 1970's  
FACTS: Currently being refurbished and equipped with new instruments to carry out the planned TAIPAN galaxy survey.  
**NOT OPEN TO PUBLIC**



## TALKS PROGRAM in the SSO LODGE SEMINAR ROOM

1030am - **Yuri Sheinker** :Seeing the stars: the evolution of adaptive optics

1100am - **Jess Mills** : Stardust, Spectra, and a Little Trigonometry: How Astronomers Learnt to Map the Universe

1130am - **Laura Driessen** :Finding radio stars in a haystack of black holes

1200pm - **Chris Lidman**: The important role the telescopes at SSO are playing on trying to understand dark matter and dark energy

**LUNCH BREAK 1230—1330**

1330pm - **LJ Spriggs**: Mapping the Milky Way: A Decades-Long Story of Chemical Cartography".

14:00pm - **Matt Dodds**: My experiences imaging the Sun, the 2023 W.A. Solar Eclipse and planning for the 2028 Solar Eclipse

14:30pm - **Christian Sasse**: Behind the Scenes of I-Telescope

## KIDS TALKS in the Old Admin

1130am - **Tanmay Tanmay**—The Sun, the Stars and the Universe

1200pm - **Andrew Kefala**—The Sun, the Stars and the Universe

**1230—1330pm LUNCH BREAK**

1330pm - **Laura Driessen** - How big is the Milky Way?

14:00pm - **Sven Buder** -How a very special GALAH creates stellar rainbows at night

14:30pm - **Jess Mills** -From Birth to Black Hole: The Story of Stellar Evolution





### Unique Bus Day Trips



Discover the natural and cultural wonders of the Warrumbungle & Pilliga Region with BigSky Experiences! Relax in our comfortable bus and enjoy a full day of exploration!



**Highlights:**

- ✓ Sandstone Caves - Ancient Aboriginal heritage & natural beauty (Approx. 1hrs walking)
- ✓ Sculptures in the Scrub - Breathtaking artworks in the bush (Approx. 2 hrs walking)
- ✓ Salt Caves - Hidden gems with panoramic views (Approx. 1hr visit)
- ✓ Pilliga Pottery - Unique local art and crafts (Approx. 1hr visit)
- ✓ Baradine Discovery Centre - Gateway to the Pilliga with cultural insights (Approx. 30 min visit)
- ✓ Warrumbungle National Park Visitors Centre - Discover the history, geology, and wildlife of the park
- ✓ White Gum Lookout - Easy Walk with spectacular views of the Warrumbungle's

**Pricing:**

- \$70 Single
- \$120 Couple
- \$160 Family (2 adults + 2 children)

**Special School Holiday Tours:**

📅 1 October - 12 October 2025

**Tour Details:**

- 📍 Departs: Coonabarabran
- ⌚ Duration: Full day (approx. 8am - 5pm)
- 👥 Small group tours | Comfortable transport
- ☕ Morning tea - Lunch - Afternoon tea included
- 📍 Places we visit will vary from tour to tour due to time.
- 🗣️ We will inform you of the place we will be visiting when enquiring & booking.
- 📞 Bookings & Enquiries:

📞 Michelle-0428424100



## THINGS TO DO @ SSO OPEN DAY

Behind the scenes of the AAT, 2.3m, Huntsman, iTelescope and talk with technicians

\*Lil Coffee Cart

\*Grab a sausage sizzle from Coona Rotary Club

\*Pilliga Pottery gelato and food

\*bus to the summit of the mountain for guided tours of the 2.3m Telescope and Huntsman

\*Free buses circling around the site all day

\*Planetarium on the Ground Floor of AAT

\***Tamworth Astronomy Club Solar viewing**

\***MQ Association for Astronomy Solar viewing**

\*Mt Burnett Observatory Information Stall—4th Floor AAT

\*AAO and MQ UNI Info stall—4th Floor AAT

\*AAT Catwalk for thrill seekers and a great photo—6th Floor AAT

\*Dress up like astronauts in the AAT and have a photo—6th Floor AAT

\*talks in the Lodge seminar room

\*talks in the Old Admin Building

\*David Allen walking Track—NOTE steep walking in some areas.

(The track starts below the ANU lodge—look for the signs)



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