



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 1m Telescopes
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

- 10:30am - **Matt Dodds**—Smart Telescopes - The New Era of Amateur Astrophotography
- 1100am - **Tanmay Tanmay**—Echos in the Dark: The Universe Written in Light.
- 1130am - **Fotini Kouloukis**- Machine Learning for DRAGNs
- 12:00pm—**Vanessa Moss** -Looking Up: Why We Explore the Universe
- LUNCH BREAK 1230—1330
- 1330pm - **Donna Burton** - The Moon, Myths,Legends & Facts
- 14:00pm - **Chris Lidman** - A dive into the dark universe.
- 14:30pm - **Rowina Nathan**—Gravity as a Scale:
Weighing Black Holes from Stellar to Supermassive
- 15:00pm - **Matt Dodds**— 2028 Solar Eclipse

KIDS TALKS in the Old Admin

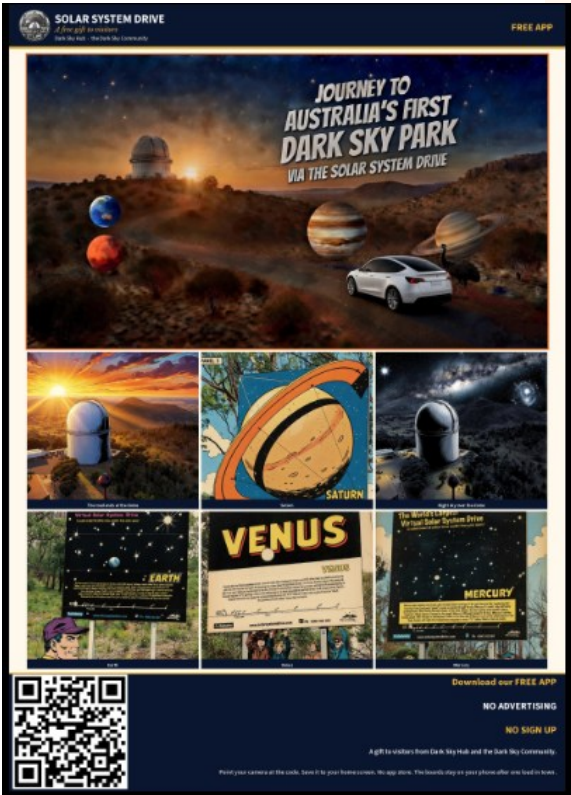
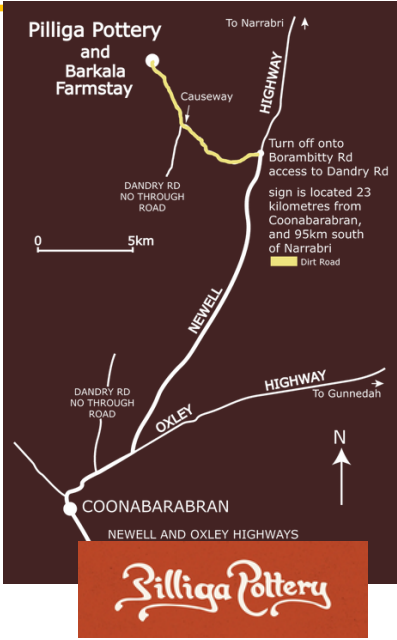
- 10:30 - **Nathan Hancock** - Reverberation Mapping: Measuring super-massive black hole masses using time
- 1100 - **Donna Burton** - MARS!!!
- 11:30 - **Alan Chan** - Cosmic Detectives: Solving the Mysteries of the Universe
- 12:00- **Mike Ireland** -The search for other planets and extraterrestrial life In the Universe
- 1230—1330pm LUNCH BREAK
- 13:30 - **Rowina Nathan**—Space's Biggest Burp:
What Happens When a Black Hole Eats a Black Hole?
- 14:00 - **Emily Fisk**— What is the Universe Actually Made Of'
- 14:30 - **Vanessa Moss**-Journey Through The Universe
- 15:00 - **Andrew Kefala**—Are We Alone? The Hunt for Alien Life



0428 288 244



0488 687562



THINGS TO DO @ SSO OPEN DAY

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

*Coffee Van

*Grab a sausage sizzle from Coona Rotary Club

*Pilliga Pottery gelato and food



Australian National University

*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

*VR experience—6th Floor AAT – Glen Rees and Vanessa Moss

*Khoot Trivia with Clinton Li - RSAA- AAT 4th Floor

*Astrophotography - Mark Iscaro—AstroPuNk—AAT 4th Floor

*AAT Catwalk for thrill seekers and a great 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)

