









Astronomy Open Night activities (5pm – 10pm)

Note:  = map reference

Activities	Location
Physics magic show Admission will be on first-in, first-served basis. Magic show times: 5.15pm – 6pm, 6.30pm – 7.15pm and 8.45pm – 9.30pm	Macquarie Theatre 
Stand-up Science Join us for Stand-up Science – a lighthearted panel show where brilliant minds from Macquarie take the spotlight to show you where science meets comedy in the most unexpected and enlightening ways. Show times: 5.30pm – 6pm and 6.30pm – 7pm	Ubar 1 Central Courtyard 
A Universe of Possibilities: STEM at Macquarie Join us for an inspiring session where students in Astrophysics, Astronomy, Physics, Chemistry, and Engineering share their experiences and insights. 5.30pm – 6.15pm	Theatre 5 14 Sir Christopher Ondaatje Avenue 
Chemistry Magic Show Be inspired, entertained and informed by amazing chemical demonstrations that highlight the scientific principles behind them. Magic show times: 5.15pm – 5.45pm, 6.30pm – 7.00pm	Mason Theatre 14 Sir Christopher Ondaatje Avenue 
Design, Print, Create: Makerspace Discovery Step into our MAPS Makerspace to discover our new facility where our students bring their ideas to life using cutting-edge technology and tools.	Room 205 14 Sir Christopher Ondaatje Avenue 
Exhibition Hall Our Exhibition Hall will be full of fun and exciting stalls from the local astronomical community, where you can chat about astronomy, science, getting in touch with your local astronomical society, what telescope to buy and much more.	14 Sir Christopher Ondaatje Avenue 
Laser maze challenge Put your spy skills to the test in our kids' laser maze challenge. Find your way through without touching any of the laser beams. Jumping, hopping and sneaking through, this challenge puts your agility to the test. 5pm start	Room 263 14 Sir Christopher Ondaatje Avenue 
Cosmic arcade Join us for a night of interstellar fun filled with student-made games and challenges that will have you shooting for the stars! 5pm start	Room 116 1 Central Courtyard 
Kids' space Bring your little scientists along to learn about space, planets, gravity and building; and discover some of the tricks of physics and a whole lot more. Children must at all times be accompanied by a parent or guardian while in this space. 5pm – 9pm	Room 106–107 1 Central Courtyard 
Phenomenal physics and mathematical mysteries Experience and nurture your love for science and explore the magic and mysteries behind some of the coolest scientific phenomena by joining us as we demonstrate some funky experiments. 5pm start	Room 101 1 Central Courtyard 
Robotics room Come and drive one of the world-championship robots from the <i>FIRST</i> [®] Robotics Competition. This program will allow all from ages 5+ to earn their robotics driver's licence in a fun and exciting hands-on activity. 5pm start	Room 114–115 1 Central Courtyard 

Activities	Location
Scientist spotlight Discover the wonders of science as you connect with brilliant minds from various scientific disciplines, from game developers to shark experts, from engineers to astronomers. Your questions, their expertise! 5.15pm start	Room 108 1 Central Courtyard 
Space exploration with the Discovery Academy Design the highest-flying rocket, create your own galaxy, or become a NASA flight director and create your own spacecraft. 5pm start	Room 105 1 Central Courtyard 
The Huntsman Telescope Exploratorium Join Huntsman Telescope astronomers and uncover the mysteries of exoplanets and colliding galaxies. Discover what makes the Huntsman Telescope work and even do some live observing from under the darkest skies. 5pm start	Room 109 1 Central Courtyard 
Planetariums Planetariums simulate the night sky and provide the opportunity to look up close at the motion of celestial objects, the surfaces of planets, deep sky objects, constellations and much more. Planetarium sessions are not dependent on the weather so will go ahead rain, hail or shine. Sessions run about every 20 minutes, starting at 5.15pm.	MUSAC 
Telescope park Join us in exploring the cosmos – search for celestial objects such as planets, star clusters, and nebulae. There will be an amazing array of telescopes from Macquarie University Observatory, local astronomy clubs and individual astronomers. 6.30pm – 10pm	North 3 Carpark and Macquarie University Astronomical Observatory 
Capture the Cosmos Explore the winning astrophotography images taken by YOU as part of our brand-new astrophotography competition. Come along and vote for People's Choice. 5pm start	Ground Floor 17 Wally's Walk 
The Immersive Power of Light In partnership with the Faculty of Science and Engineering and in light of the Macquarie University 60th Anniversary, come join us for the final night of this exciting exhibition.	Macquarie Art Gallery 19 Eastern Road 
Laser guide star Why would an astronomer want to stop the stars from twinkling? Join us in the Central Courtyard to find out more. 6.30pm – 10pm	Central Courtyard
Solar system walk Join us on a walk from the Central Courtyard to our telescope park via the planets of the solar system in our scale model, meaning every metre you walk, you're traversing 37.3 million kilometres. Think you can make it all the way?	Gymnasium Road

Short talks (5.15pm – 9.15pm)

	T2	T3	T4
5.15pm – 5.45pm	Nicholas Borsato Earth 2.0: A Matter of Time	Pradosh Barun Das Hauntingly Beautiful Secrets of Planets Beyond the Solar System	James Coulson Sonifying Astronomy Images: Creating Music from Space
6pm – 6.30pm	Miguel Angel Gonzalez Bolivar Scaling the Universe: How Astronomers Measure Cosmic Distances	Nuwanthika Fernando Seeing Stars: A Brief History of Photography and Imaging in Astronomy	Meghna Mukesh Menon Follow the Starlight
6.45pm – 7.15pm	Nadya Darmawan Beyond the Stars: Exploring the Power of AI/ML in Astronomy	Rami Mandow Evil Astrophysics: Using Pulsars as a Supervillain	Briardo Llorente Exploring Space and Sustainable Living: The Role of Synthetic Biology
8.45pm – 9.15pm	Daniel Zucker Seeing Dark with the Light: Stellar Streams, Galaxy Cannibalism and the Hunt for Dark Matter	Stuart Ryder Chasing the Shadow	Richard McDermid Seeing the Unseeable: Black Holes that go 'Bump!' in the Night

The Faculty of Science and Engineering present a series of short talks given by our academics and students. These talks are aimed at the general public and present a diverse range of astronomy and physics interests.

Located at 14 Sir Christopher Ondaatje Avenue 

Keynote lecture (7.30pm – 8.30pm)

Note:  = map reference

Activities	Location
Big Science with Big Telescopes Distinguished Professor Jon Lawrence, Australian Astronomical Optics, Macquarie University	Mason Theatre 