

Experience Sciences at ECU

Edith Cowan University (ECU) and the Australian Academy of Technological Sciences and Engineering (ATSE) invites your school to participate in an inspiring science, engineering and technology experience.

Event Details

Date: Thursday, 29 June 2017

Time: 11:00am – 1:30pm

Venue: Edith Cowan University
 270 Joondalup Drive
 Joondalup WA 6027

Room: Building 32, Room 32.101 (Lecture Theatre)

Cost: Free

RSVP essential, email: ssciadmin@ecu.edu.au

ECU students will showcase their research on the latest engineering, science and technology projects.

Additional details:

This event is suitable for Year 8-10 students who are interested in Engineering and Technology.

Schools are reminded that students are to provide their own lunch when attending this event.

Interested schools are encouraged to enquire about bus subsidies.



Schedule

11:00am – 12pm
 Presentation by Professor Phil Bland, 2017 Eminent Speaker, Fireballs in the Sky

12pm – 12:30pm
 Break

12:30pm – 1:30pm
 ECU Student Showcase



Fireballs in the Sky

Presentation by Professor Phil Bland 2017 Eminent Speaker

The Earth sits in a cosmic shooting gallery.

Phil will talk about the window that the Desert Fireball Network gives us on asteroid impacts, and how the project might change our understanding of how planetary systems form.

It will look at the journey that these rocks have taken, from their origins far beyond the orbit of Mars, to their landing sites in the Australian desert, and the excitement of searching for them in the Australian bush.



Above: Phil shows off one of the new digital cameras ready to be installed in the Desert Fireball Network.

About Phil Bland

Phil came to Australia in 2012 on an ARC Australian Laureate Fellowship. He is on science teams for several space missions, including the NASA OSIRIS-REx asteroid sample-return mission which launched last year.

His research focusses on the origins and early evolution of the solar system. In 2006 Asteroid '1981 EW21' was renamed '(6580) Philbland' for contributions to planetary science.

Most recently his work has included construction of the Desert Fireball Network – the world's largest planetary observational facility, built to track meteorites to the ground, and recover them from desert areas of Australia. The system allows us to track meteorites back to their source regions in the solar system.

Additional Information:

Professor Phil Bland profile: <http://fireballsinthesky.com.au/meet-team/professor-phil-bland/>

Fireballs in the sky information: <http://fireballsinthesky.com.au/about/>