



CAASTRO
ARC CENTRE OF EXCELLENCE
FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

“Alien Worlds - Finding and Studying Exoplanets”

Over the last two decades astronomers have been finding planets orbiting other stars, so-called "exoplanets". This talk will discuss the clever ways in which astronomers can discover exoplanets, focusing on the work that is being carried out right here in Australia. The talk will explain what we are learning about these alien worlds by studying them in detail after we have discovered them.

You and your students are invited to get involved in this great adventure and join **Dr Daniel Bayliss** as he guides us on a tour of these incredible alien worlds. This talk will cover topics mainly from the **Cosmic Engine** and **Space and Astrophysics** modules of the **Physics Stage 6 Syllabus**.

The session will run on **Wednesday 24th July 2013 11:00am - 11:45pm**

There is no charge for schools to participate. Please register by completing the booking form at the bottom of the webpage):

<http://www.caaastro.org/bookings>

You can learn more about our program at <http://www.caaastro.org/citc> or by emailing citc@caaastro.org

Dial in number on your videoconference unit (VMR): 601056104



Dr Daniel Bayliss is an astronomer at the Mt Stromlo Observatory. His research focuses on transiting extrasolar planets. These are planets that orbit a star, (other than our own Sun) and cause a small drop in the star's observed brightness. By this phenomenon extrasolar planets can be detected and studied.