CAASTRO
ARC CENTRE OF EXCELLENCE FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

"Monster Footprints in the Invisible Universe"

Since the 1960s, astronomers have been able to measure the weak after-glow of the explosion that started our Universe 13 billion years ago. As this cosmic microwave light travelled through space to our telescopes, gigantic clusters of galaxies have left their fossilised footprints in it, allowing us to study these distant monsters.

You and your students are encouraged to join **James Allison** to hear about what it's like to be a scientist and to learn about the tools that astronomers use to understand our Universe. 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 **Wed 21st August 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.caastro.org/bookings

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

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

Dr James Allison is a research fellow at The University of Sydney. His studies how galaxies have evolved during the last 10 billion years by searching for the absorption of radio waves in clouds of hydrogen gas. He is part of the science team for the Australian Square Kilometer Array Pathfinder, a giant radio telescope currently under construction in Western Australia.