



CAASTRO
ARC CENTRE OF EXCELLENCE
FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

“Jupiter – Friend or Foe”

This talk will explain the deepest inner workings of the solar system. It is well known that the solar system contains a large ‘gas giant’ called Jupiter. This behemoth of a planet may well be a gentle giant, that has allowed the solar system to evolve into its current form, and allowed us to live here - relatively shielded from bombardment by material from space. This talk will explain the history of the solar system and of impacts on the Earth, why it’s thought Jupiter protects us, and why the story is perhaps more complex than it first seems...

You and your students are invited to get involved in this great adventure and join **Dr Jonti Horner** as he guides us through this epic tour of the 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 **Wednesday 6th November 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



Jonti has been interested in astronomy since an age of 5, when he accidentally saw a UK TV program called "The Sky at Night". He joined a local astronomical society at age 8, and has been a member ever since. Since finishing his doctorate at the University of Oxford in 2003, he’s carried out astronomy and astrobiology research at universities in the UK, Switzerland and Australia - most recently at the University of New South Wales, in Sydney.