

CAASTRO

ARC CENTRE OF EXCELLENCE
FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

“The Bizarre World of Special Relativity”

Einstein's theory of Special Relativity is a pillar of modern physics and accurately describes objects moving near to the speed of light. While mathematically elegant, Special Relativity explains situations that are extremely counterintuitive to our interpretation of the world we experience.

You and your students are invited to join **Joe Callingham** to discover the basis of the theory where several examples of time dilation and length contraction will be worked through. This talk is directly centred around the **HSC syllabus** and will answer the core dot points of the **Space module**, but the talk is also applicable to **Year 11** students that want to be exposed to the ideas of Special Relativity.

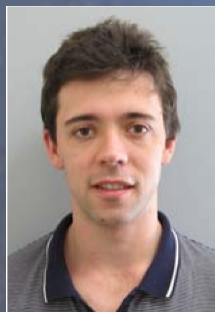
The session will run on **Wed 4th September 2013 11:00am - 11:45pm**

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



Joe Callingham has a degree in Physics and is an Astronomy PhD student at the University of Sydney.