



**CAASTRO**  
ARC CENTRE OF EXCELLENCE  
FOR ALL-SKY ASTROPHYSICS

## CAASTRO in the Classroom

### “The Big Bang, the Cosmic Microwave Background Radiation, and the Big Rip”

What is the evidence for the Big Bang? Join us for a curriculum-enhancing tour of this evidence, with a focus on the particularly interesting area of radio astronomy – which is rapidly changing our view of the Universe. Dr Martin Bell will explain the Cosmic Microwave Background radiation, and discuss the potential fate of our Universe as it ends in a "Big Rip".

You and your students are invited to get involved in this great adventure and join **Dr Martin Bell** as he guides us through an incredible 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 **Monday 21st October 2013 12:00pm - 12:45pm**

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](mailto:citc@caastro.org)

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



Dr Martin Bell is a researcher working in the field of radio astronomy at the ARC Centre of Excellence for All-Sky Astrophysics (CAASTRO). He uses powerful radio telescopes to help understand the dynamic and explosive nature of objects in the universe.