



CAASTRO
ARC CENTRE OF EXCELLENCE
FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

“Baby Stars in the Universe”

In recent years astronomers have become able to detect "star-spots" on distant stars. These spots are like the similar ones that frequently dot the "surface" of the nearest star, our Sun. Astronomers think that a fast-spinning, young star has more sunspots and is more active. Please join Donna Burton and find out about the early life of stars, how star-spots are detected, what this tells us about both the age and evolution of stars, and how this increases our understanding of the Universe around us.

This talk will cover topics mainly from the Cosmic Engine module but also touching on the Space & Astrophysics modules of the Physics Stage 6 Syllabus. In general, it is accessible to science students from years 7 to 12. Your students are encouraged to chat with a professional astronomer about what it's like to be a scientist and the tools that astronomers use to understand the Universe.

The session will run on **Wednesday 13th 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



Donna Burton is a post-graduate student at the University of Southern Queensland. She works at Siding Spring Observatory as an Operations Support Officer for the Australian National University (ANU), where she is involved in outreach, telescope system support and training observers how to use the 2.3m telescope. She was the first Australian woman to discover a comet in 2006 and another in 2007.