



CAASTRO

ARC CENTRE OF EXCELLENCE
FOR ALL-SKY ASTROPHYSICS

CAASTRO in the Classroom

“The Spotty Life of a Star”

In recent years astronomers have become able to detect "star-spots" on distant stars! Like the sunspots that frequently dot the "surface" of the nearest star, our Sun, star-spots are relatively cool, dark regions on the visible "surfaces" of some stars. Astronomers believe that a fast-spinning, young star has more sunspots and is more active. So please join Donna and find out how star-spots are detected and what this tells us about the age and evolution of stars, and allows us to better understand our own Sun.

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

5th June 2013 11:00 - 11:45am

There is no charge for schools to participate. Please register by completing the booking form on the DART website at <http://dartconnections.org.au/DART-excursions/the-life-of-a-star?Back=False>.

You can learn more about our program at <http://www.caastro.org/citc>.
Dial in number on your video conference unit: 601056104



Donna 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.