



# CAASTRO

ARC CENTRE OF EXCELLENCE  
FOR ALL-SKY ASTROPHYSICS

## CAASTRO in the Classroom

### “The Real Colours of Galaxies”

For many years astronomers used only optical telescopes to study how galaxies formed and evolved. We now know that there is a lot of information missing at these frequencies and therefore observations using other kinds of telescopes, such as radio telescopes, are needed. Through this talk, students will learn how combining the information provided by all the colours (X ray, ultraviolet, optical, infrared and radio) allows astronomers to really understand the true nature of galaxies.

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.

The session will run on

29<sup>th</sup> May 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-real-colours-of-galaxies?Back=False> .

You can learn more about our program at <http://www.caastro.org/citc>.

Dial in numbers:

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Angel R. Lopez-Sanchez is a Spanish astrophysicist working at the Australian Astronomical Observatory and Macquarie University since 2011. His research is focused in star formation and galaxy evolution using multiwavelength data. He has 2 blogs about Astronomy, one in Spanish ("El Lobo Rayado", which was started in 2003, <http://angelrls.blogalia.com>) and another in English (since 2012, "The Lined Wolf", <http://angelrls.wordpress.com>).