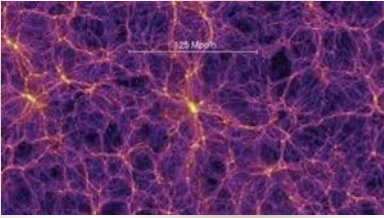


# Special Public Lecture Event – at Macquarie University



## “Everything you wanted to know about Dark Matter”

*Enjoy listening to an exciting lecture*

**Thursday, 3 August 2017**

Lecture: 12 pm at W5A T2  
Macquarie University

**Cost: FREE**

### WIP Lecture Series

Each year the AIP funds the national Women in Physics tour by an eminent female physicist. This year's AIP Women in Physics lecturer will be Dr Katie Mack, a theoretical astrophysicist from the University of Melbourne.



Katie specialises in cosmology and observable tracers of cosmological evolution. Her work focuses on finding new ways to understand the early universe and fundamental physics using astronomical observations.

Her current research focus is on dark matter, the mysterious invisible stuff making up most of the matter in the Universe. In her cutting-edge research, she shows how dark matter interactions in the early universe might have shaped the first stars and galaxies and altered the course of cosmic evolution.

Alongside her astrophysics research, Katie is deeply passionate about science communication, especially through social media, where she maintains one of the most-followed Twitter accounts by any professional astronomer world-wide. You can find her at @astrokatie

She is extremely active in other areas of science communication and appears regularly on television, radio, and in various print media, including a regular column in Cosmos Magazine. You can find out more about Katie from her website: [www.astrokatie.com](http://www.astrokatie.com)

Katie Mack is the 2017 Women in Physics Lecturer and will present lectures in Australia between July and September.

