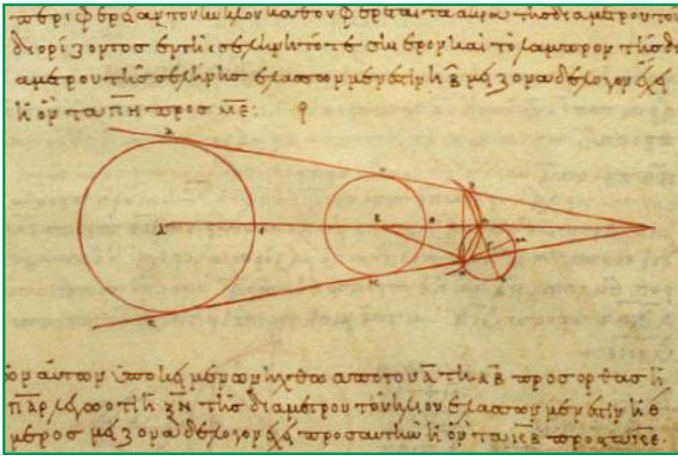


ONE DAY PROFESSIONAL DEVELOPMENT WORKSHOP



Aristarchus (310–230 BC) on the distances to the Moon and Sun.

WHEN Wednesday June 25, 9.30 am - 4.00 pm

WHERE ANU campus. Arndt Lecture Theatre 1, Arndt Building, end of Kingsley Street, off Barry Drive

COST \$25, Morning tea, lunch and afternoon tea provided. Organised by the Mathematical Sciences Institute, ANU.

MATHEMATICS AND THE UNIVERSE

For Mathematics and Other Teachers in Secondary Colleges & High Schools

One of a series of independent workshops on current developments and applications for topics taught in college/high school mathematics.

For information on previous and future workshops see www.maths.anu.edu.au/DoM/secondary/

We will see how mathematics has been used to model and study the universe, from antiquity to current day research. From trigonometry used by Antistarchus in 400BC to compute the distance to the moon and the sun, to 11 dimensional geometries now used to model the universe.

The material should be suitable to all mathematics teachers who want to increase their understanding of this important use of mathematics.

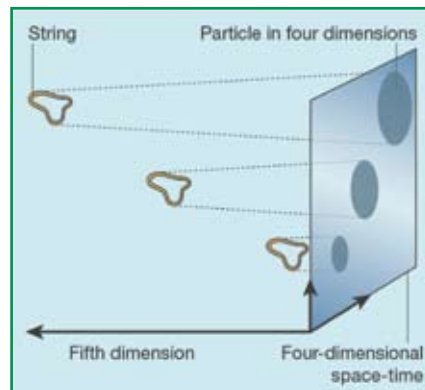
Background: Trigonometry should be enough!

Right:

From "Into the fifth dimension"
Nature 2003, Juan Maldacena

Far Right

"Trance 2" 1997
Slawek Wojtowicz



MORE INFORMATION

Registration and Payment, Administrative Information, Parking Vouchers

E: Katie.Lau@maths.anu.edu.au

(Please register early, we may need to restrict numbers and we would appreciate an early estimate anyway)

Course Information

E: John.Hutchinson@anu.edu.au