

LUNCHTIME SCIENCE TALK

You are welcome to attend these monthly Lunchtime Science Talks organized by the Faculty of Science. These talks aim to provide a general introduction to important areas of scientific research and are suitable for both researchers and undergraduates. They will be given by prominent Faculty of Science staff who have won recognition for their work or who have been recently promoted.

SPEAKER	Professor Zhang De-Qi Department of Mathematics
TOPIC	Space Symmetries – a dynamical and algebra-geometric viewpoint
DATE	26 January 2012 (Thursday)
TIME	12 to 1 pm
VENUE	LT31, Block S16, Level 3, National University of Singapore
ABSTRACT	

Space symmetries are everywhere and seem to be random. In this talk, we show that the symmetries of a compact space are actually assembled from only three types of building blocks. We also give the optimal number of dynamically interesting commutative symmetries a space could possess.

BIOGRAPHY

Prof Zhang has been with the Department of Mathematics, NUS, since 1991, after receiving his PhD from Osaka University. He works mainly in the fields of Algebraic Geometry and Dynamics of Space Symmetries.

*** Sandwiches will be provided for the first 100 attendees ***