



# Mechanics Day

## For Years 9 & 10

The Further Maths Support Programme and the University of Wolverhampton are hosting a FREE Mechanics Day aimed at students in Years 9 and 10

The day will include a number of hands on workshops for the students to get involved with, all based around different area of Mechanics and a closing lecture from one of our fantastic keynote speaker, Dr Hugh Hunt.

### **Boomerangs, Bouncing Balls and Other Spinning Things**

Spinning things are strange. Why does a spinning top stand up? Why doesn't a rolling wheel fall over? Why is top-spin so effective in tennis? How does a falling cat always manage to land on its feet? How can the Hubble Space Telescope turn around in space? What do ice-skaters do to spin so fast? We'll look closely at the common threads that link all spinning things, and that means we'll have to talk about gyroscopes. Don't worry, there won't be any maths. Everything will be demonstrated live with lots of toys and videos. And we'll even throw a few indoor boomerangs - hoping not to break any windows!



When & Where: 9.30am — 15.45pm **Wednesday 14th February 2018**

University of Wolverhampton, City Campus, **Wolverhampton**

Cost: FREE

In order to allow as many schools as possible to attend we are limiting places to 20 students per school. To book please complete this [short online form](#).

For enquires please contact Liz Price ([Liz.Price@wlv.ac.uk](mailto:Liz.Price@wlv.ac.uk))