



# Community Lecture



The Thomas Hardye School is pleased to present the fifth  
in our 2009/10 season of lectures

## Boomerangs, Bouncing Balls

### &

## Other Spinning Things

### Speaker: Dr Hugh Hunt

Cambridge University Senior Lecturer (1989- )  
Fellow of Trinity College Cambridge (1990- )  
Bachelor of Engineering (Mech.) Melbourne University 1982  
Ph.D. (Engineering) Cambridge University 1988

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!

## Monday 25th January 2010

### In the School Theatre at 7.00pm

Admission Free - by ticket only - available from school reception  
from Monday 11th January at 08.45am

# The Thomas Hardye School