



### **Hermes 2012: A scientific take on the oldest games in the world**

In 2012, London will play host to a unique summer school consisting of four days of master classes and competition. This student-led event, held during the Olympics, will bring together some of the world's leading materials modelling students. They will present their research, attend master classes given by renowned academics, and develop their ability to communicate science.

**27-30 July 2012\***

**Hermes** 2012  
Summer School



Unilever

Imperial College  
London

KING'S  
College  
LONDON

LCN  
LONDON CENTRE  
FOR NANOTECHNOLOGY

UCL  
LONDON SCHOOL OF  
MATERIALS SCIENCE

THE THOMAS YOUNG  
CENTRE  
TYC

### **The Hermes 2012 invited speakers:**



**Prof Craig Carter (MIT)**

Delivering a master-class on microstructural evolution, its impact on material properties and phase-field modelling.



**Prof Vaclav Vitek (UPenn)**

Delivering a master-class on multiscale modeling of fracture mechanics on the atomistic and continuum levels.



**Prof Helena van Swygenhoven**

(from EPFL) Delivering a master-class on atomistic simulations of structured nanomaterials and their mechanical properties.



**Prof Chris Pickard (UCL)**

As lead developer of the widely used CASTEP code he will be delivering a masterclass on electronic structure theory.

\*Early-bird student fee £300 (deadline 1 Jan 2012) includes all meals and lodging.