

**Imperial College  
London**

100 years of living science

**100**

**FRIENDS OF IMPERIAL COLLEGE**



## New spin for old memories - the nanotechnology of magnetic materials

**Russell Cowburn, Professor of  
Nanotechnology, Imperial College**

At extremely small scales materials exhibit unexpected characteristics and functionality. Nanometre-scale magnetic materials can be used to build a new generation of microelectronic devices that use both the spin and the charge of the electron. Applications for such devices range from the battlefield to MP3 players. Where will this lead?

Wine will be served after the event and a Friends' table booked at a local restaurant for a late supper.

**WEDNESDAY 31 OCTOBER 2007, 7.00PM  
SIR ALEXANDER FLEMING BUILDING**

TICKETS: £10 Friends, £6 Students £6 Imperial College Staff, £15 Others  
Book now for the optional supper and pay £25 on the night.

Members of the public are welcome. To book for this event, email  
admin@friendsofimperial.org.uk, phone 05601 308 693 but preferably download a  
booking form from the web and e-mail or post it to:  
Friends of Imperial College, PO Box 36195, London SW7 2WY

**[www.friendsofimperial.org.uk](http://www.friendsofimperial.org.uk)**

