The new science of oxide interfaces

Scientific discussion meeting
12 – 13 September 2011
The Royal Society

Organised by Professor Mark Blamire, Professor Dave Blank and Professor Judith Driscoll
The new science of oxide interfaces

Organised by
Professor Mark Blamire (University of Cambridge), Professor Dave Blank (University of Twente) and Professor Judith Driscoll (University of Cambridge)

Synopsis
Recent studies of the functional properties of heteroepitaxial interfaces between complex oxides have discovered a tremendous range of exciting new science, including properties such as magnetism and superconductivity which are not present in either parent material or appear at greatly elevated temperatures. This meeting will draw together leading scientists with diverse expertise to understand and exploit such oxide interfaces.

Speakers and chairs
Dr Manuel Bibes, Professor Dave Blank, Dr Ivan Bozovic, Professor Chang-Beom Eom, Professor Craig Fennie, Professor Manfred Fiebig, Professor Harold Hwang, Dr Quanxi Jia, Professor Chris McConville, Professor Gianfranco Pacchioni, Dr Rossitza Pentcheva, Professor Ramamoorthy Ramesh, Professor Matthew Rosseinsky FRS, Professor Darrell Schlom, Professor Jean-Marc Triscone, Professor Evgeny Tsymbal and Professor Thirumalai Venkatesan.

Registration
This meeting is free to attend, but pre-registration is essential. The online registration form and programme information can be found at:
royalsociety.org/events

The Royal Society
6–9 Carlton House Terrace,
London SWY 5AG
Tel: +44 (0)20 7451 2213
Fax: +44 (0)20 7930 2170
Email: discussion.meetings@royalsociety.org
Web: royalsociety.org/events

Back image courtesy of Professor Darrell Schlom, Cornell University.