

<b>Ferrox - Thursday 11th June 2015</b>		
10:00	Coffee and Registration	Diamond Atrium
10:20	Welcome and Introduction Sarnjeet Dhesi and Massimo Ghidini.	MR G59
<b>Session 1: Electrical control of magnetism in multiferroics CHAIR: N Mathur (Cambridge)</b>		
10:30	Coupling Magnetism To Electricity In Multiferroic Heterostructures Ramamoorthy Ramesh, University of California, Berkeley, USA	
11:15	Deterministic Exchange Coupling to Monodomain multiferroic BiFeO <sub>3</sub> /Co Heterostructures Chang-Beom Eom, University of Wisconsin, USA	
12:00	Non collinear magnetic structures in BiFeO <sub>3</sub> and its interfaces Michel Viret, CEA, Paris	
12:30	Lunch	Diamond Atrium
<b>Session 2: Domain Walls CHAIR: S Dhesi (Diamond)</b>		
13:30	Domain Wall and skyrmion dynamics due to spin-orbit effects Mathias Klauui, University of Mainz, Germany	MR G59
14:15	Advanced characterization and functionality of domain walls in multiferroics Dennis Meier, ETH, Zurich	
14:45	Quantative analysis of shadow XMCD-PEEM to unravel 3D magnetic configurations Olivier Fruchart, Institut Neel, Grenoble, France	
15:30	Coffee	Diamond Atrium
<b>Session 3: PEEM CHAIR:G Van der Laan (Diamond)</b>		
16:00	Imaging chiral Néel walls and skyrmions in Pt/Co/MgO using PEEM Jan Vogel, CNRS, Grenoble	MR G59
16:30	Strain controlled magnetization dynamics in thin films and planar nanostructures Stuart Cavill, University of York, UK	
17:00	Probing magnetism at the nanoscale with XPEEM: from nanoparticles to multiferroic heterostructures Carlos Vaz, Paul Scherrer Institute, Villigen, Switzerland	
17:30	Magnetoelectric imaging of multiferroic heterostructures Massimo Ghidini, University of Cambridge, UK	
18:00	Drinks	Diamond Atrium
19:00	Evening Buffet Dinner	
21:00	Close of Day 1	

<b>Ferr</b>		
<b>Session 4: Functional Oxides CHAIR: C. Vecchini (NPL)</b>		
09:00	Electroresistance in ferroelectric tunnel junctions and orbital reconstructions at oxide interfaces Josep Fontcuberta, ICMA-B-CSIC, Barcelona, Spain	MR G59
09:45	TBA Paolo Radaelli, University of Oxford, UK	
10:30	Imaging strain-mediated magnetoelectric heterostructures using photoemission electron microscopy Xavier Moya, University of Cambridge, UK	
11:00	Coffee	Diamond Atrium
<b>Session 5: Young Investigator Session CHAIR:M Ghidini (Cambridge)</b>		
11:30	Dynamics of Artificial Spin Ice in Real and Reciprocal Space Sophie Morley, University of Leeds, UK	MR G59
11:50	Understanding and manipulating domain states in nanoscale ferroelectrics Raymond McQuaid, Queens University, Belfast	
12:10	Strain-induced phase diagram of half-doped manganites: Probing orbital and magnetic order with X-ray dichroism David Pesquera, Institut de Ciència de Materials de Barcelona, Spain	
12:30	Lunch	Diamond Atrium
<b>Session 6: Materials Design CHAIR: X Moya (Cambridge)</b>		
13:30	Imaging electrically-induced changes of magnetic order and orientation at room temperature and above Lee Phillips, Unité Mixte CNRS/Thales, Palaiseau, France	MR G59
14:00	Kondo physics in non-local metallic spin transport devices Liam O'Brien, University of Cambridge, UK	
14:30	Close of Workshop	