

Nanoscale magnetism and spintronics II
Chair(s): H Fangohr (University of Southampton, UK)

Wednesday 15 December 2010

- 15.00 Invited: Domain wall propagation in magnetic wires**
M Stiles (NIST, USA)

- 15.15 Effect of perturbations on information transfer in spin chains**
I D'Amico (University of York, UK)

- 15.30 The artificial square ice ground state – thermal ordering, excitations and defects**
J Morgan (University of Leeds, UK)

- 15.45 Magnetic anisotropy control by ion implantation in Rare-earth transition-metal Laves phase materials**
A R Buckingham (University of Southampton, UK)

- 16.00 Magneto-optical and chiral characterization of gyrotropic hexaferrite in the millimeter wave band**
B Yang (Queen Mary University of London, UK)

- 16.15 Magnetization reversal processes in saturation magnetization reduced magnetic stripes**
M Basith (University of Glasgow, UK)

- 16.30 Description of inverted hysteresis loops**
Y Melikhov (Wolfson Centre for Magnetism, University of Cardiff, UK)

- 16.45 End of symposia**