

Latest Developments in Frustrated Magnetism: spin liquids, spin glass, spin ice states

Saturday, 5 th July 2014, Warwick University, Radcliffe House, Meeting Room 6		
09:40	coffee	
10:00	Alexander Smirnov, Kapitza Institute, Moscow	Magnetic resonance of spinons in a triangular antiferromagnet
10:30	Jason Gardner, NSRRC, Hsinchu, Taiwan	Hunt for new spin-1/2, triangular systems
11:00	Monica Ciomaga-Hatnean, Warwick	Crystal growth, structural and magnetic studies of zirconate pyrochlores.
11:20	coffee	
11:40	Oleg Starykh, University of Utah	Spin-current instability of the 1/3 magnetization plateau
12:10	Pinaki Sengupta, Nanyang	Novel magnetization plateaus and spin supersolid phases in generalized Shastry-Sutherland model - relevance to rare-earth tetraborides
12:40	lunch	
13:50	Tom Hase, Warwick	Opportunities on XMaS for studies of frustrated systems
14:00	Diana Lucía Quintero-Castro, Helmholtz Zentrum, Berlin	Magnetic properties of SrYb ₂ O ₄ , facts and challenges
14:30	Pascal Manuel, ISIS, STFC	Magnetic structure and short range correlations in LuFe ₂ O ₄ under magnetic field
15:00	coffee	
15:20	Sasha Chernyshev, UC Irvine	Odd interactions in quantum magnets and liquids
15:50	Peter Baker, ISIS, STFC	Muon spin relaxation studies of the pinwheel kagome compounds Rb ₂ Cu ₃ SnF ₁₂ and Cs ₂ Cu ₃ SnF ₁₂
16:10	Boris Malkin, Kazan Federal University	Random strains in real crystals studied by means of high-frequency EPR and high-resolution optical spectroscopy
16:40	closing	
17:00	<i>World Cup Quarter Final: Argentina v Belgium</i>	

coffee breaks - 20 minutes

lunch - 1 hour 10 minutes

longer talks - 30 minutes (including questions)

shorter talks - 10 to 20 minutes