

**Correlated electron systems**  
Chair(s): T Perring (STFC, UK)

**Thursday 16 December 2010**

- 10.50 Invited: Frustration and disorder effects in quantum spin ladders**  
C Rugg (University College London, UK)
- 11.20 Time and magnetic field dependent behaviour in the spin chain material  $\text{Ca}_3\text{Co}_2\text{O}_6$**   
C L Fleck (University of Warwick, UK)
- 11.35 Structural investigations of topological insulators**  
G Balakrishnan (University of Warwick, UK)
- 11.50 Anomalous high-energy spin excitations in  $\text{La}_2\text{CuO}_4$**   
S M Hayden (University of Bristol, UK)
- 12.05 Fermiology of the pnictide  $\text{BaFe}_2\text{P}_2$  as determined by de Haas-van Alphen oscillations**  
B Arnold (University of Bristol, UK)
- 12.20 Thermodynamics of the critical fluctuations and nematic phase formation of  $\text{Sr}_3\text{Ru}_2\text{O}_7$**   
A W Rost (Scottish Universities Physics Alliance (SUPA), UK and University of St Andrews, UK)
- 12.35 Exploring the antiferromagnetic-superconducting phase in  $\text{CeCoIn}_5$**   
E Blackburn (University of Birmingham, UK)
- 12.50 A simple theory of the Invar effect**  
C Hooley (University of St Andrews, UK)
- 13.05 End of symposia**