

## Quantum solids and fluids

Chair(s): A Golov (University of Manchester, UK)

Tuesday 14 December 2010

- 16.00 Invited: Supersolidity of  $^4\text{He}$ : review**  
Y Mukharsky (CEA, France)
- 16.30 Simultaneous measurements of the torsional oscillator anomaly and thermal conductivity in solid  $^4\text{He}$**   
D Zmeev (University of Manchester, UK)
- 16.45 Critical parameters from generalised multifractal analysis at the Anderson transition**  
R Römer (University of Warwick, UK)
- 17.00 Manifestation of LO-LA phonons in Raman scattering in graphene**  
J Wallbank (Lancaster University, UK)
- 17.15 Search for a link between pair-breaking and vortex-production in superfluid  $^3\text{He-B}$**   
M Jackson (Lancaster University, UK)
- 17.45 Direct observation of the propagation of quantum turbulence using the Andreev reflection of a quasiparticle beam in superfluid  $^3\text{He-B}$**   
M Jackson (Lancaster University, UK)
- 18.00 End of symposia**