

100 years of superconductivity: new science and perspectives I

Chair(s): D Cardwell (University of Cambridge, UK)

Tuesday 14 December 2010

- 13.30 Invited: Flux lines in superconductors**
E M Forgan (University of Birmingham, UK)
- 14.00 Superconducting single-photon detectors for quantum information science applications**
R Hadfield (Heriot-Watt University, UK)
- 14.30 Quantum detection applications of NanoSQUIDs fabricated by focussed ion beam**
L Hao (National Physical Laboratory, UK)
- 14.45 Hybrid graphene-superconductor devices**
M Newman (University of Leeds, UK)
- 15.00 Vortex lattice structure of YBCO in fields of up to 16 T**
A S Cameron (University of Birmingham, UK)
- 15.15 Superconductivity for hydrogen economy**
P Mikheenko (University of Birmingham, UK)
- 15.30 End of symposia**