

Quantum memory

Chair(s): K Bongs (University of Birmingham, UK)

Wednesday 15 December 2010

- 10.50 Invited: Broadband photonic quantum memories**
I Walmsley (University of Oxford, UK)

- 11.20 Quantum storage of photonic entanglement in a crystal**
I Usmani (University of Geneva, Switzerland)

- 11.35 Towards quantum phase transitions of small ion coulomb crystals in penning and RF traps**
D Segal (Imperial College London, UK)

- 11.50 Quantum memories in probabilistic quantum repeaters**
M Razavi (University of Leeds, UK)

- 12.05 Storage of multiple coherent microwave excitations in an electron spin ensemble**
H Wu (University of Oxford, UK)

- 12.20 Storing an alphabet of two-mode squeezed states**
T Fernholz (University of Nottingham, UK)

- 12.35 Observation of anticrossings in the exciton state of single quantum dots via electrical tuning of the fine-structure splitting**
M Pooley (University of Cambridge, UK)

- 12.50 End of symposia**