

ATELIER DE PHYSIQUE THÉORIQUE 2012

Responsible: [Christian Flindt](#)

Time and date	Place	Speaker	Title
Tuesday 10 January 2012 16:15	Salle 234 24 quai E. Ansermet	Robert S. Whitney <i>LPMMC-CNRS, Grenoble, France</i>	Universal statistics for boundary collisions of random-walks, and implications for polarized gases
Tuesday 24 January 2012 11:15	Salle 234 24 quai E. Ansermet	Peter Stano <i>Slovak Academy of Sciences, Slovakia</i>	Measuring spin currents in mesoscopic conductors
Wednesday 25 January 2012 11:15	Salle 234 24 quai E. Ansermet	Bruno Sciola <i>CEA Saclay, Paris, France</i>	Quantum quenches: symmetry restoration and the dynamical transition
Wednesday 1 February 2012 11:15	Salle 234 24 quai E. Ansermet	Jonathan Meair <i>University of Arizona, USA</i>	Macroscopic rectification in Andreev interferometers
Tuesday 14 February 2012 11:15	Salle 234 24 quai E. Ansermet	Géraldine Haack <i>University of Geneva, Switzerland</i>	Electron waiting times in mesoscopic conductors
Wednesday 7 March 2012 11:15	Salle 306, Sc1 24 quai E. Ansermet	Krzysztof Wohlfeld <i>IFW Dresden, Germany</i>	Fractionalization of electron's spin and orbital degrees of freedom in 1D Mott insulators
Tuesday 13 March 2012 11:15	Salle 234 24 quai E. Ansermet	Cristina Bena <i>Université Paris Sud, France</i>	Spin and Majorana polarization in topological superconducting wires
Wednesday 14 March 2012 11:15	Salle 234 24 quai E. Ansermet	Guillem Rossello <i>Universitat de les Illes Balears, Palma de Mallorca, Spain</i>	Sequential transport in a quantum dot
Wednesday 21 March 2012 11:15	Salle 234 24 quai E. Ansermet	Konrad H. Müller <i>University of Geneva, Switzerland</i>	Dynamical Coulomb Blockade in Nano-Scale Electrical Contacts
Wednesday 28 March 2012 11:15	Salle 234 24 quai E. Ansermet	Erwann Bocquillon <i>Ecole Normale Supérieure, Paris, France</i>	Electron quantum optics: partitioning electrons one by one
Thursday 29 March 2012 11:15	Salle 234 24 quai E. Ansermet	Tristan Meunier <i>Université Joseph Fourier, Grenoble, France</i>	Fast and efficient transfer of single electron between distant quantum dots
Tuesday 3 April 2012 11:15	Salle 234 24 quai E. Ansermet	Tobias Frey <i>ETH-Zürich, Switzerland</i>	Measurement of quantum dot properties with an on chip microwave resonator
Wednesday 4 April 2012 11:15	Salle 234 24 quai E. Ansermet	Andrea Greco <i>Imperial College, London, UK</i>	Pressure-induced structural transformations in nanomaterials within the ONETEP code