

LMS joint research group: New mathematical methods for open quantum systems

Bristol meeting

12th of May 2017

Department of Mathematics, University of Bristol
Howard House – 4th floor seminar room

Organisers: Roman Schubert (University of Bristol), Sven Gnutzmann (University of Nottingham), Eva-Maria Graefe (Imperial College London)

Programme

- 10:45** **Coffee and Welcome**
- 11:00** **Sven Gnutzmann** (University of Nottingham)
Electron-hole coherent states for the Bogoliubov-de Gennes equation
- 12:00** **Chiara Liverani** (Imperial College)
Semiclassical limit of stochastic Schrodinger dynamics
- 12:30** **Lunch and time for discussions**
- 14:00** **Joseph Viola** (University of Nantes)
The Hamilton flow and Schrödinger evolution for degree-2 complex-valued Hamiltonians
- 15:00** **Coffee and time for discussions**
- 15:45** **Euan Spence** (University of Bath)
At the interface between semiclassical analysis and numerical analysis of wave scattering problems
- 16:45** **Concluding remarks and drinks**