

DEPARTMENT OF CHEMISTRY

Physical & Theoretical Chemistry
University of Oxford
South Parks Road
Oxford
OX1 3QZ
UK

Tel: +44(0)1865 275400
www.chem.ox.ac.uk



THEORETICAL CHEMISTRY SEMINARS

MICHAELMAS TERM 2026

(Convenor: Professor David Manolopoulos)

The following seminars will be held at 2 pm in the PTCL Lecture Theatre

Wk 1 – 12 Oct: **Professor Mariana Rossi** *University of Cambridge*

Understanding atomic motion in materials and molecules with quantum-mechanical simulations.

Wk 3 – 26 Oct: **Professor George Jackson** *Imperial College London*

Appraising the surface thermodynamics of nanoscopic liquid drops: From a classical to a quantum description.

Wk 5 – 09 Nov: **Dr Jonathan Mannouch** *University of Bristol*

Improving the accuracy of nonadiabatic surface-hopping simulations.

Wk 7 – 23 Nov: **Professor Ali Alavi** *University of Cambridge and MPI for Solid State Research, Stuttgart*

Combining real-space and orbital-space concepts in quantum chemistry: Towards an efficient and universal wavefunction method.

Tea and coffee will be available in the PTCL Tea Room following each seminar.

All welcome.