

DEPARTMENT OF CHEMISTRY

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THEORETICAL CHEMISTRY SEMINARS

HILARY TERM 2026

(Convenor: Professor David Manolopoulos)

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

- Wk 1 – 19 Jan 26:** **Professor Hua Guo**
University of New Mexico, USA
Non-Born-Oppenheimer dynamics of H-atom scattering from surfaces.
- Wk 3 – 02 Feb 26:** **Dr Lachlan Lindoy**
National Physical Laboratory, Teddington, UK
Quantum dynamics of molecular systems in the presence of light-matter interactions.
- Wk 5 – 16 Feb 26:** **Professor Livia Bartók-Pártay**
University of Warwick, UK
*High-throughput computational thermodynamics:
A unique insight into the potential energy surface.*
- Wk 7 – 02 Mar 26:** **Professor Thomas Markland**
Stanford University, USA
Using AI to push the limits of 1D NMR for structure elucidation.

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

All welcome.