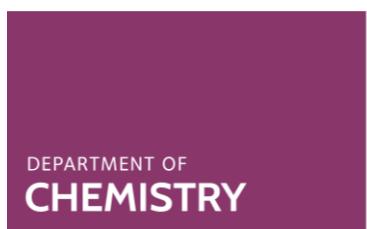


# DEPARTMENT OF CHEMISTRY

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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.**