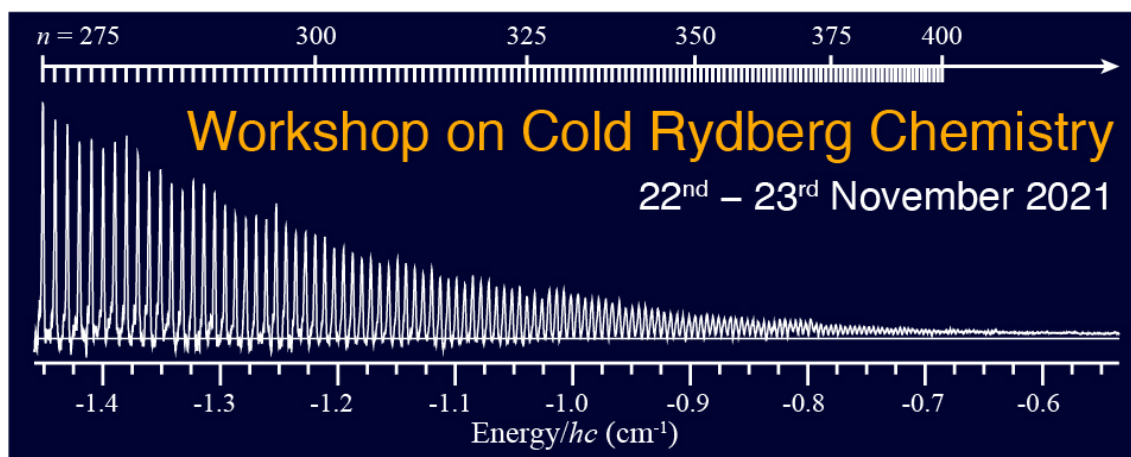


Session Program

22-23 Nov 2021



Workshop on Cold Rydberg Chemistry

Hot Topic Talks

Monday 22 November

17:15

Hot Topic Talks: in the Lecture Hall (Zoom)

Session | **Location:** University College London/University of Leipzig

17:15–17:22

Studying ion-molecule reactions within the orbit of a Rydberg electron - the effect of the Λ -doubling in NO on the $\text{He}^+ + \text{NO}$ reaction rate coefficient in the $k_{\text{B}} \cdot (0-10) \text{ K}$ collision-energy range

Speaker

Valentina Zhelyazkova

17:22–17:29

Electrically-tuned Förster resonances in cold collisions of Rydberg-state-selected helium atoms with ground-state ammonia molecules

Speaker

Junwen Zou

17:29–17:36

Towards Quantum Simulation using Rydberg states of multi-electron atoms: First spectroscopy results on erbium

Speaker

Manfred Mark

17:36–17:43

Synthetic dimension-induced conical intersections in Rydberg molecules

Speaker

Matthew Eiles

17:45