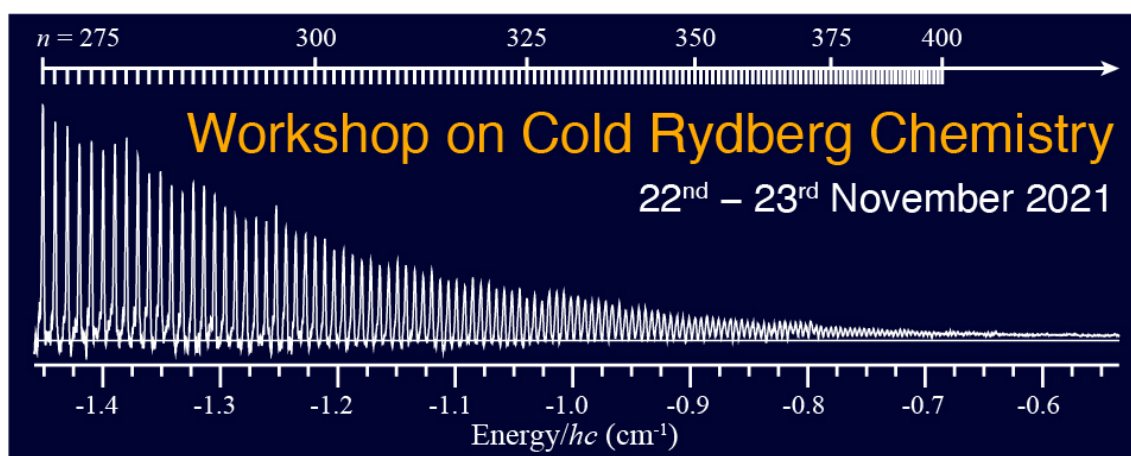


Session Program

22-23 Nov 2021



Workshop on Cold Rydberg Chemistry

Poster Session

Tuesday 23 November

17:30

Poster Session: In the Poster Session Area

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

17:30–18:15

Imaging the interface of a qubit and its quantum-many-body environment

Speaker

Sidharth Rammohan

17:30–18:15

Spectroscopic Studies of H₂S and D₂S Near Ion-Pair Dissociation Thresholds

Speaker

Carla Kreis

17:30–18:15

Low-energy reactive collisions of H₂, HD, and D₂ with H₂⁺, HD⁺, D₂⁺: branching ratios, deviation from Langevin behavior and kinetic energy analysis of the products.

Speaker

Katharina Höveler

17:30–18:15

Dissipative dynamics of a molecular Rydberg gas: Avalanche to an ultracold plasma state of strong coupling

Speaker

Kevin Marroquin

17:30–18:15

Dressed Ion-Pair States of an Ultralong-Range Rydberg Molecule

Speaker

Dr Panagiotis Giannakeas

17:30–18:15

Ionization energy of the metastable $2\ ^1S\ ^0$ state of ^4He from Rydberg-series extrapolation

Speaker

Mrs Gloria Clausen

17:30–18:15

Control of molecular ultracold plasma relaxation dynamics in mm-wave and radio-frequency fields

Speaker

Ruoxi Wang

17:30–18:15

Self-Assembling of the Intermediate with Chemically Bound Argon in van der Waals Complex Ar-I₂ photoexcited into the Rydberg states of I₂

Speaker

Prof. Alexey Baklanov

17:30–18:15

Multipolar character of Förster resonance energy transfer**Speaker**

Sabrina Patsch

17:30–18:15

Non-adiabatic dynamics in Rydberg gases with random atom positions**Speaker**

Ritesh Pant

17:30–18:15

Test of the spectator role of the Rydberg electron in the $\text{He}(n) + \text{CO}$ reaction and effects of the CO dipole and quadrupole moments at low collision energies**Speaker**

Fernanda B. V. Martins

17:30–18:15

Towards a hybrid platform of ultracold polar molecules and Rydberg atoms**Speaker**

Dr Alex Guttridge

18:15