

Day 1	27th June
11:00	Registration opens
13:00	Welcome address
13:20	Session I - Catalysis
13:20	Ferensa Oemry Computer-aided catalysts design : From core-shell to 2D materials
13:40	Longfei Lin Formation and transformation of reactive species in confined catalysis over zeolites
14:00	Emma Gibson Dynamics of water in Cu loaded zeolites: a QENS study
14:20	Russel Howe Reactivity of propene in a zeolite catalyst: a tale of two spectroscopies
14:45	Break for refreshments
15:00	Session II - Functional materials
15:00	Xiang-qiang Chu Ice formation regulated by graphene oxide nanosheets studied by quasi-elastic neutron scattering
15:20	Timothy Johnson MOFs for a sustainable future – using a multi-technique approach to understand a industrially Relevant transformation
15:40	Maths Karlsson Correlated jump-diffusion dynamics of hydride-ions in the layered oxyhydride SrVO ₂ H
16:00	Karin Bichler Structure and Dynamics of Bottlebrush Polymers
16:20	Break for refreshments
16:40	Poster session
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17:30	poster session
19:30	Dinner

Day 2	28th June
09:00	Session III - Life Sciences/Soft Matter
09:00	Liang Hong Universal dynamical transition of hydration water
09:20	Magdalena Witek Application of neutron scattering techniques with VESUVIO to study the glass transition in food biopolymers
09:40	Michihiro Nagao An application of polarized QENS to measure viscous properties of lipid bilayers
10:00	Fabrizia Foglia Anionic Exchange Membranes for fuel cells: insight into ion, polymer, and water dynamics from neutron spectroscopy
10:20	<i>Break for refreshments - breakfast rolls</i>
10:40	Session IV- Energy and structural materials
10:40	Samrath Chaplot Dynamics in Battery Materials
11:00	Adam Michalchuk Understanding the mechanochemistry of energetic materials using neutrons and ab initio simulation
11:20	Anthony E. Phillips Dynamics in barocaloric materials: where does the entropy come from
11:40	<i>Break for refreshments -</i>
12:00	Giovanni Romanelli The catalysed ortho-to-para-hydrogen conversion using neutron transmission and imaging
12:20	Leonardo del Rosso New Spectroscopic insights from ice I
12:40	ISIS Impact team, ISIS studentships
13:00	Closing remarks
13:15	<i>Lunch</i>