Session Program

2-4 Jul 2025



PAQMAN

Hard condensed matter

Sola Strand Hotel

Thursday 3 July

J	Hard condensed matter: Ionic conductors Session Location: Sola Strand Hotel
	09:00-09:30 Ionic diffusion in superionic compounds studied with coherent and incoherent QENS and large-scale atomistic simulations
	Olivier Delaire
	09:30-10:00 Improving Simulations to Improve QENS Analysis
	Speaker Andrew McCluskey
	10:00-10:20
	Phonon dynamics of CsAg5Te3-based thermoelectric materials by combining first principles and neutron scattering
	Speaker Bao-Tian Wang
	10:20-10:40 Coffee
	10:40-11:10
	Potential of neutron spectroscopies in studies of complex hydrides for hydrogen storage applications
	Speaker Olena Zavorotynska
	11:10-11:40 Mechanisms of proton and hydride-ion diffusion in materials for energy applications investigated using quasielastic neutron scattering
	Speaker Maths Karlsson
	11:40-12:00 TBC

Friday 4 July

9:00	Hard condensed matter: Magnetism and functional materials Session Location: Sola Strand Hotel
	09:00-09:30 Recent developments in resonant spin echo techniques for quasi-elastic neutron scattering Speaker Christian Franz
	09:30-09:50 Interfacial and bulk molecular and magnetic diffusive modes in iron oxide nanoparticles Speaker Prof. Mirijam Zobel
	09:50-10:10 QENS Study of the Interface Dynamics of Wet IONP Speaker Matei Pascariu
	10:10-10:40 Coffee
	10:40-11:00 Accelerating barocalorics research through polarised QENS Speaker Helen Walker
	11:00-11:20 Interplay of Cooperativity and Lattice Dynamics in Spin Crossover Compounds Speaker Ji Qi
2:00	11:20-12:00 Final discussion and close