PAQMAN

Thursday, 3 July 2025

Hard condensed matter: Ionic conductors (09:00 - 12:00)

time	[id] title	presenter
09:00	[27] Ionic diffusion in superionic compounds studied with coherent and incoherent QENS and large-scale atomistic simulations	DELAIRE, Olivier
09:30	[21] Accurate Estimation of Self- and Collective-Motion from Molecular Dynamics Simulation	MCCLUSKEY, Andrew
10:00	[5] Phonon dynamics of CsAg5Te3-based thermoelectric materials by combining first-principles and neutron scattering	WANG, Bao-Tian
10:20	Coffee	
10:40	[23] Potential of neutron spectroscopies in studies of complex hydrides for hydrogen storage applications	ZAVOROTYNSKA, Olena
11:10	[17] Mechanisms of proton and hydride-ion diffusion in materials for energy applications investigated using quasielastic neutron scattering	KARLSSON, Maths
11:40	[40] Diffusion in Nb-Doped LLZO and Bismuth Vanadium Oxide Using ML-Driven Simulations	DUFF, Andrew

Friday, 4 July 2025

Hard condensed matter: Magnetism and functional materials (09:00 - 12:00)

time	[id] title	presenter
09:00	[41] Recent developments in resonant spin echo techniques for quasi-elastic neutron scattering	FRANZ, Christian
09:30	[12] Interfacial and bulk molecular and magnetic diffusive modes in iron oxide nanoparticles	Prof. ZOBEL, Mirijam
09:50	[22] QENS Study of the Interface Dynamics of Wet IONP	PASCARIU, Matei
10:10	Coffee	
10:40	[24] Accelerating barocalorics research through polarised QENS	WALKER, Helen
11:00	[28] Interplay of Cooperativity and Lattice Dynamics in Spin Crossover Compounds	QI, Ji
11:20	Final discussion and close	