



# DYNAFUN DYNamics of FUNctional materials

## Wednesday, 14 September 2022

### Session 4 : Batteries & ionic conductors: Session 4 : Batteries & ionic conductors (09:00 - 13:00)

time	[id] title	presenter
09:00	[30] Ion dynamics in solid electrolytes for batteries	FAMPRIKIS, Theodosios
09:45	[20] Diffusion mechanisms in sodium-ion battery materials using polarized neutrons	Prof. GOFF, Jon
10:20	[8] Full Phonon Softening and Fast Ag Diffusive Dynamics in Liquid-like Argyrodites Ag <sub>8</sub> GeSe <sub>6</sub>	SHEN, Xingchen
10:45	Coffee break	
11:15	[28] Dynamics in functional oxide ion conductors studied with INS and QENS	KARLSSON, Maths
12:00	[33] Ionic Liquids: bulk vs 1D CNT confinement. Towards better batteries?	ZANOTTI, Jean-Marc
12:35	[16] A Combined Experimental and Computational Study of Oxide Ion Conductors	SCHWAIGHOFER, Bettina