



# DYNAFUN DYNAmics of FUNctional materials

## Wednesday, September 14, 2022

### Session 4 : Batteries & ionic conductors: Session 4 : Batteries & ionic conductors (9:00 AM - 1:00 PM)

time	[id] title	presenter
9:00 AM	[10] Ion dynamics in solid electrolytes for batteries	FAMPRIKIS, Theodosios
9:45 AM	[10] Diffusion mechanisms in sodium-ion battery materials using polarized neutrons	Prof. GOFF, Jon
10:20 AM	[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 AM	Coffee break	
11:15 AM	[28] Dynamics in functional oxide ion conductors studied with INS and QENS	KARLSSON, Maths
12:00 PM	[38] Ionic Liquids: bulk vs 1D CNT confinement. Towards better batteries?	ZANOTTI, Jean-Marc
12:35 PM	[16] A Combined Experimental and Computational Study of Oxide Ion Conductors	SCHWAIGHOFER, Bettina