Session Program

Sep 11 – 15, 2022

DYNAFUN DYNamics of FUNctional materials

Session 4 : Batteries & ionic conductors

Wed, September 14

9:00 AM

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Session | **Location:** Le Pré du Lac Village Vacances Saint Jorioz, Lac d'Annecy

9:00 – 9:45 AM **Ion dynamics in solid electrolytes for batteries**

Speaker
Theodosios FAMPRIKIS

9:45 – 10:20 AM **Diffusion mechanisms in sodium-ion battery materials using polarized neutrons**

Speaker
Prof. Jon Goff

10:20 – 10:45 AM
Full Phonon Softening and Fast Ag Diffusive Dynamics in Liquid-like Argyrodites Ag8GeSe6

Speaker
Xingchen SHEN

10:45 – 11:15 AM **Coffee break**

11:15 AM – 12:00 PM **Dynamics in functional oxide ion conductors studied with INS and QENS**

Speaker
Maths Karlsson

12:00 – 12:35 PM **Ionic Liquids: bulk vs 1D CNT confinement. Towards better batteries?**

Speaker
Jean-Marc Zanotti

12:35 – 1:00 PM **A Combined Experimental and Computational Study of Oxide Ion Conductors**

Speaker
Bettina Schwaighofer

1:00 PM