

## Program of Evening Session of July 22 during muSR2025

**Opening remarks (J. Sugiyama, CROSS)**

### **PART I            ION DIFFUSION (19:30-20:35)** **chair: T. Lancaster, Durham Univ.**

Facilities

- 5 min ISIS (**A. Louat**) Super MuSR
- 5 min J-PARC (**A. Koda**) S3 channel
- 5 min PSI (**T. Prokscha**) LEM-muSR for battery materials research
- 5 min TRIUMF (**I. McKenzie**) beta-NMR for battery materials

Experiment

- 10 min from ex-situ, via in situ, to an operando measurement (**P. Baker, ISIS**)

Calculations

- 10 min DFT & MD calculations (**O. Sugino, Univ. of Tokyo**)

Analysis and theory

- 5 min analysis (**R. Kadono, KEK**)
- 5 min theory (**F. Pratt, ISIS**)
- 5 min non-Markov (**S. Blundell, Univ. of Oxford**)

Discussion 10 min

### **PART II            MUONIC X-RAY ELEMENTAL ANALYSIS (20:35-21:05)** **chair: T. Prokscha, PSI**

Facilities

- 5 min J-PARC (**I. Umegaki**)
- 5 min ISIS (**A. Hillier**)
- 5 min PSI (**M. Heiss**)
- 5 min TRIUMF (**K. Kojima**)

Discussion 10 min

Perhaps with Drinks?