



# CEC/ICMC 2023 Abstracts & Technical Program

## Monday 10 July 2023

### C1Or2B: Large Scale III: Cryogenic System Modeling and Simulation - 315 (11:00 - 12:15)

-Conveners: Alexey Koveshnikov; Alexander Martinez

time	[id] title	presenter
11:00	[421] C1Or2B-01: Conservation of Helium while Maintaining High System Purity	WHITE, Michael
11:15	[501] C1Or2B-02: Dynamic systems modeling of the Spallation Neutron Source Cryogenic Moderator System to optimize transient control and prepare for power upgrades	Dr GOTH, Nolan
11:30	[139] C1Or2B-03: Simulation of the cool-down process for the ESS cryogenic moderator system	Dr TATSUMOTO, Hideki
11:45	[41] C1Or2B-04: Numerical modeling of the cool-down of the helium transfer-lines for FRIB Linac and experimental systems	KROLL, Duncan
12:00	[212] C1Or2B-05: Dynamic simulation of DALS test facility cryoplant	SUN, Zheng