



# 2024 CAP Congress / Congrès de l'ACP 2024

## Monday 27 May 2024

### (DTP) M3-2 Quantum and Condensed Matter Theory | Théorie quantique et de la matière condensée (DPT) - SSC Rm

2028 (cap. 135) (16:15 - 18:00)

-Conveners: Manu Paranjape

time	[id] title	presenter
16:15	[4084] Many-body mobility edges in 1D and 2D revealed by convolutional neural networks	CHEN, Anffany
16:45	[4166] (G*) Preserving the Hermiticity of the One-body Density Matrix for a Non-interacting Fermi Gas	EATON, Dean
17:00	[4455] (G*) Lattice Gauge theory on the Triamond Lattice	HOSSEINZADEHKAVAKI, Ali
17:15	[4301] (G*) Stability of a ferrofluid jet	RAVAL, Karnav
17:30	[4249] Higher-order Electron-Phonon Interactions and their Effect on the Thermal Conductivity of 2D Dirac Crystals	Dr KAZEMIAN, Sina
17:45	[4142] Rigorous results on approach to thermal equilibrium of an optical quantum field mode scattering from the elements of a non-equilibrium quantum reservoir	MERKLI, Marco