



# Workshop on Topology in Magnetic Materials

## Tuesday, November 22, 2022

### SESSION 2: Theory and Symmetry of Topological Materials (1:30 PM - 6:15 PM)

time	[id] title	presenter
1:30 PM	[8] Topology in condensed matter: electrons, spins, and their interplay	MÜLLER, Markus
2:15 PM	[6] Topological Quantum Chemistry procedure for magnetic systems	VERGNIORY, Maia
3:00 PM	[25] Magnetoelectric Classification of Skyrmions	BHOWAL, Sayantika
3:20 PM	Coffee break	
4:00 PM	[35] Recent advances in DFT calculations of topological magnetic materials	ARITA, Ryotaro
4:45 PM	[26] Charge order and superconductivity in kagome materials	NEUPERT, Titus
5:30 PM	[7] Exploring materials space at the speed of ICT: quantum spin Hall insulators, Weyl semimetals, and spin-layer-locking FETs	MARZARI, Nicola