

Pre 2025 TPS miniworkshop

Monday, 13 January 2025

Pre TPS 2025: Morning - General Building III/Room-512 - Meeting (09:40 - 12:00)

time	[id] title	presenter
09:40	[1] Quantum Spin Nematics in Spin-1/2 Frustrated Ferromagnets: A Highly-Entangled State of Matter	Dr GOHLKE, Matthias
10:30	[2] xfac/TCI.jl: Libraries for tensor cross interpolation	Prof. SHINAOKA, Hiroshi
11:20	[3] SO(5)-symmetric deconfined quantum critical point in the extended JQ-model	Prof. TAKAHASHI, Jun

Pre TPS 2025: Afternoon - General Building III/Room-512 - Meeting (13:20 - 16:40)

time	[id] title	presenter
13:20	[8] Entanglement diagnosis of many-body systems: applications to non-unitary conformal field theory and topological quantum field theories	Prof. CHANG, Po-Yao
14:10	[9] Constructing a Matrix Product Operator for the time evolution operator	Prof. MCCULLOCH, Ian
15:00	Discussion	
16:00	[10] Interference-caged quantum many-body scars: the Fock space topological localization and interference zeros	Mr TAN, Tao-Lin