Poster presentations

1. **Re-entrant phase transition in ultracold atoms**, Laura Batini
2. **Pair and chiral superfluidity in subwavelength triangular ladders**, Domantas Burba
3. **Phase-Sensitive Measurements on a Fermi-Hubbard Quantum Processor**, Alberto Cavallar
4. **Detecting the largest correlations via correlation density matrices: a quantum Monte Carlo approach**, Aditya Chincholi
5. **Dynamical probes for quantum many-body systems**, Denise Cocchiarella
6. **Harnessing spin-qubit decoherence to probe strongly interacting quantum systems**, Sambunath Das
7. **Anomalously fast transport in non-integrable lattice gauge theories**, Jean-Yves Desaules
8. **Entanglement in dual-unitary quantum circuits with impurities**, Shachar Fraenkel
9. **Solvable Quantum Circuit Models for Free Independence**, Felix Fritzsch
10. **Shortcuts to Analog Preparation of Non-Equilibrium Quantum Lakes**, Nik Gjonbalaj
11. **Average entanglement of anyon chains: Haar-random and eigenstate**, Alexander Hahn
12. **Efficient Quantum Gibbs Sampling with Local Circuits**, Dominik Hahn
13. **Spin-Charge Coupled Dynamics in a Bosonic Quantum Gas Microscope**, Tim Harris
14. **Probing ergodicity breaking through the DMRG effective Hamiltonian**, Jared Jeyaretnam
15. **Universal Relation between Spectral and Wavefunction Properties at Criticality**, Simon Jiricek
16. **Out-of-Equilibrium Phase Transitions and Order Parameter Dynamics in a Magnetic Quantum Dot**, Tiago Jorge
17. **Quasi-solitons in Rydberg atom chains**, Aron Kerschbaumer
18. **Crossover and Critical Behavior in the Layered XY Model**, Roman Kracht
19. **Estimating applied potentials in cold atom lattice simulators**, Bhavik Kumar
20. **Quantum many-body simulations with Pauli Strings**, Nicolas Loizeau
21. **Extracting Correlation functions in ultra-cold atoms via repeated weak measurements**, Helene Lösl
22. **Discriminative learning of f-divergences from projective measurements as an information-geometric probe of many-body physics**, Oleksii Malyshev
23. **Discoveries from quantum simulation: Deep thermalization and plasma in a lattice gauge theory**, Daniel Mark
24. **Solving Quantum Many-Problems with Physical Neural Networks**, Vinicius Mohr
25. **Nonstabilizerness dynamics in many-body localized systems**, Pedro Ruyter Nicácio Falcão
26. **Non-equilibrium dynamics of dopants in quantum spin lattices: quasiparticles, localisation and non-Gaussian diffusion**, Kristian Knakkergaard Nielsen
27. **Quantum Transport with Non-Markovian Quantum Trajectories**, Teddy Ong
28. **Scattering and induced false vacuum decay in the two-dimensional quantum Ising model**, Luka Pavesic
29. **Complexity of time evolved quantum states constrained by transport**, Konrad Pawlik
30. **Quantum Avalanches and Local Integrals of Motion in Krylov space**, J. Clayton Peacock
31. **Superdiffusive transport protected by topology and symmetry in all dimensions**, Wang Peng

32. **Anyon dynamics in driven topologically ordered quantum systems**, Francesco Petiziol
33. **Atypical localization in disordered array of Rydberg atoms in tweezers**, Maksym Prodius
34. **Quantum simulation of non-equilibrium dynamics of doped magnets with Rydberg atoms**, Mu Qiao
35. **Quantum many-body mixed phase space revealed by hybrid feedback control**, Jie Ren
36. **Roughening dynamics of interfaces in the two-dimensional quantum Ising model**, Matteo Rizzi
37. **Quantum Fluctuation-Driven Dynamics in Strongly Dipolar 2D Bose Gases**, Sampriti Saha
38. **Majorana edge modes in the Fibonacci-driven quantum Ising model**, Harald Schmid
39. **Concentration-Free Quantum Kernel Learning in the Rydberg Blockade**, Martin Schnee
40. **The Magic Barrier before Thermalization**, Clemens Seidl
41. **Extracting transport properties using zero noise extrapolations of noisy quantum dynamics**, Hansveer Singh
42. **Brownian ratchets and pumps for many-body active dynamics**, Charles Stahl
43. **Mechanism of Eigenstate Thermalization Breakdown**, Rafal Swietek
44. **Variational Multi-Gaussian Quantum Dynamics in Phase-Space via Automatic Differentiation**, Jacopo Tosca
45. **Polylogarithmic-Depth Quantum Algorithm for Simulating the Extended Hubbard Model on a Two-Dimensional Lattice Using the Fast Multipole Method**, Yu Wang
46. **Quantum Phase Estimation without Controlled Global Unitaries**, Dominik Wild
47. **Data-Driven Pretraining of Time-Dependent Neural Quantum States**, Reja Wilke
48. **Proposal for experimental realization of quantum spin chains with quasiperiodic interaction using Rydberg atoms**, Takaharu Yoshida
49. **Programmable Fermionic Quantum Simulation on a Hybrid Tweezer-Lattice Platform**, Jin Zhang
50. **An Orbit-qubit Quantum Processor of Ultracold Atoms**, Wei-Yong Zhang
51. **Self-Similar Quantum Revivals under Quasiperiodic Unitary Dynamics**, Xin-Chi Zhou
52. **TBD**, Lucas Katschke
53. **TBD,** Lukas Ebner