

Poster Presenters

| No. | Name | Organization | Poster Title |
|-----|-------------------------|---|--|
| 1 | Vincenzo Alba | LMU München, DE | Entanglement spectrum of the two dimensional Bose-Hubbard model |
| 2 | Sylvain Capponi | Toulouse University, FR | p6 - Chiral Resonating Valence Bonds in the Kagome Antiferromagnet |
| 3 | Sung-Po Chao | National Tsing Hua University, TW | Nonequilibrium transport of helical Luttinger liquids through a quantum dot |
| 4 | Chia-Min Chung | National Tsing Hua University, TW | Entanglement Spectroscopy using Quantum Monte Carlo |
| 5 | Stefan Depenbrock | LMU München, DE | Nature of the Spin-Liquid Ground State of the $S=1/2$ Heisenberg Model on the Kagome Lattice |
| 6 | Artur Garcia Saez | Stony Brook University, US | Spectral gaps of AKLT Hamiltonians using Tensor Network methods |
| 7 | Kenji Harada | Kyoto University, JP | Tensor network studies of quantum frustrated magnets |
| 8 | Lixin He | University of Science and Technology of China, CN | Size consistency of tensor network methods for quantum many-body systems |
| 9 | Yinchen He | Fudan University, CN | Measuring Majorana fermions qubit state and non-Abelian braiding statistics in quenched inhomogeneous spin ladders |
| 10 | Fabian Heidrich-Meisner | LMU München, DE | Non-equilibrium dynamics of interacting bosons in one-dimensional optical lattices |
| 11 | Toshiya Hikihara | Gunma University, JP | Sinusoidal deformation and its applications |
| 12 | Zhe-Ren Hsu | National Chengchi University, TW | QMC studies of the random antiferromagnetic Ising spin chain in transverse and longitudinal magnetic fields |
| 13 | Hsiang-Hsuan Hung | University of Texas at Austin, US | Vortex Lattices in the Superconducting Phases of Doped Topological Insulators and Heterostructures |
| 14 | Yi-Hao Jhu | National Tsing Hua University, TW | The one-particle entanglement entropy spectra in equilibrium and non-equilibrium lattice system |
| 15 | Tzu-Chieh Kuo | National Taiwan University, TW | Phase diagram and critical behavior of the frustrated Ising model on the square lattice |
| 16 | Thomas C. Lang | Boston University, US | Z_2 topological invariants in two dimensions from quantum Monte Carlo |
| 17 | Meir Lewkowicz | Ariel University of Samaria, IL | Chiral Anomaly and Strength of the Electron-Electron Interaction in Graphene |
| 18 | Bo Li | National Taiwan University, TW | Ground states of spin-1 Heisenberg chains with a three-site interaction |
| 19 | Yalin Lo | National Taiwan University, TW | Conductance Tensors of Quantum Multiwire Junctions with MERA |

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| 20 | Jie Lou | Fudan University, CN | Study of the Shastry Sutherland Model Using Multi-scale Entanglement Renormalization Ansatz |
| 21 | Hantao Lu | Lanzhou University, CN | Double-Pulse Deexcitations in a One-Dimensional Strongly Correlated System |
| 22 | Hong-Gang Luo | Lanzhou University, CN | |
| 23 | Fernando Lucas Metz | University of Rome "La Sapienza", IT | Transition between localized and extended states in the hierarchical Anderson model |
| 24 | Ryoji Miyazaki | Tokyo Institute of Technology, JP | Real-space renormalization-group approach to the random transverse-field Ising model in finite dimensions |
| 25 | Kouchi Okunishi | Niigata University, JP | Doubling of the entanglement spectrum in tensor renormalization group |
| 26 | Olga Anna Sikora | National Taiwan University, TW | Tensor product based Variational Monte Carlo study in two dimensions |
| 27 | Bo-Ming Su | National Chengchi University, TW | Diffusion and quantum spreading on complex graphs |
| 28 | Takafumi Suzuki | University of Hyogo, JP | Critical exponents of thermal transitions to a VBS phase in the SU(N) generalized Heisenberg models |
| 29 | Ying Tang | Boston University, US | Monte Carlo studies of spinon deconfinement in two dimensions |
| 30 | Yu-Chin Tzeng | National Taiwan University, TW | Parity quantum numbers in the DMRG and its applications to the Level Spectroscopy method |
| 31 | Michael Reinhard Weyrauch | Physikalisch-Technische Bundesanstalt, DE | Efficient MPS algorithm for periodic boundary conditions and applications |
| 32 | Po-Kuan Wu | National Taiwan University, TW | Monte Carlo study on stiffness of XXZ model |
| 33 | Zhi-Long Xue | National Tsing Hua University, TW | Entanglement entropy scaling of spin 1/2 XXZ chain |
| 34 | Shijie Yang | Beijing Normal University, CN | Dynamical revivals of pair-superfluid and super-counterfluid in an optical lattice |
| 35 | Yuan-Chi Yang | National Taiwan University, TW | Effective Hamiltonian of Tb ₂ Ti ₂ O ₇ |
| 36 | Beni Yoshida | California Institute of Technology, US | Exotic topological order in quantum fractal code |