

## List of poster presentations

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2. **Anders, Frithjof**  
*Non-equilibrium spin dynamics in periodically pumped quantum dots*
3. **Arrigoni, Enrico**  
*Nonequilibrium transport in correlated impurities and photovoltaics*
4. **Assaad, Fakher**  
*The ALF (Algorithms for Lattice Fermions) open source project*
5. **Baez, Laura**  
*Practical quantum advantage of dynamical structure factors in analogue quantum simulations*
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*The tenfold way and many-body zero modes in the Sachdev-Ye-Kitaev model*
7. **Budich, Jan Carl**  
*Chiral topological phases from artificial neural networks*  
  
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8. **Büscher, Florian & Lemmens, Peter**  
*Twisted light - new perspectives to probe topological solids*
9. **Chakraborty, Ahana**  
*Memories of initial states and density imbalance in dynamics of interacting disordered systems*

10. **Colmenarez Gomez, Luis Andres**  
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11. **Eckardt, André**  
*Charge pumping along tailored paths in two-dimensional integer and fractional Chern insulators*
12. **Eggert, Sebastian**  
*Floquet-induced superfluidity in a driven Hubbard model*
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16. **Hegde, Suraj**  
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*Many-body localization dynamics protected by gauge invariance*
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*Interchain mean-field theory for the bimetallic ferromagnetic spin-chain compound  $MnNi(NO_2)_4(en)_2$  ( $en$  = ethylenediamine)*

21. **Khedri, Andisheh**  
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*Revisiting cellular dynamical mean-field theory on the two-particle level*
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*Poor man's scaling and Lie algebras*
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*Orbital differentiation in Hund metals*
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*Imaging the Wigner crystal of electrons in one dimension*
27. **Li, Jheng-Wei**  
*Tensor network (iPEPS) study of the two-dimensional  $t$ - $J$  model*
28. **Li, Jiajun**  
*Hidden phases in the photo-doped two-band Hubbard model*
29. **Liu, Ke**  
*Hidden orders in frustrated magnets and their detection with an interpretable machine*
30. **Manna, Sourav**  
*Quasiparticles as detector of topological quantum phase transitions*
31. **Matsyshyn, Oles**  
*Quantum rectification sum rule and non-linear Drude weight of metals*
32. **Meden, Volker**  
*Investigating the roots of the nonlinear Luttinger liquid phenomenology*

33. **Mitscherling, Johannes**  
*Hall coefficient in two-dimensional metals with spiral magnetic order and application to cuprate high- $T_c$  superconductors*
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*One proximate Kitaev spin liquid in the  $K$ - $J$ - $\Gamma$  model on the honeycomb lattice*
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*Numerically exact simulations of optically excited one-dimensional correlated insulators*
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*Thermodynamic bootstrap program for dynamic correlation functions*
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*Entanglement Hamiltonian of interacting fermionic models*
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*Negative thermal expansion in the plateau state of a magnetically-frustrated spinel*
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*Quantum oscillations in topological Kondo insulators*
40. **Pizzi, Andrea**  
*Period  $n$ -tupling and quasi time crystals*
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*Electrically tunable gauge fields in tiny-angle twisted bilayer graphene*
42. **Luitz, David**  
*Emergent locality in systems with power-law interactions*
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*Finite-size realization of the sawtooth spin chain close to quantum criticality*
44. **Richter, Jonas**  
*Combining dynamical quantum typicality and numerical linked cluster expansions*

45. **Rizzi, Matteo**  
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*Superconductivity from condensation of topological skyrmion defects in quantum spin-Hall state*
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*Heisenberg model on the pyrochlore lattice*
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*Quantum dots under periodic pumping: spin inertia and nuclei-induced frequency focusing*
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*Non-local emergent hydrodynamics in a long range interacting spin system*
50. **Schuricht, Dirk**  
*Long-lived circulating currents in strongly correlated nanorings*
51. **Singh, Vijay Pal**  
*Second sound and superfluidity in ultracold quantum gases*
52. **Sirker, Jesko**  
*The spin Drude weight of the XXZ chain and generalized hydrodynamics*
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*Thermalization and eigenstate thermalization hypothesis in the Holstein polaron model*
54. **Szalay, Szilárd**  
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55. **Takayoshi, Shintaro**  
*High-harmonic generation in quantum magnets*
56. **Uhrig, Götz**  
*Pumped correlated systems: spectral properties and long-time limits*

57. **van Loon, Erik**  
*Coulomb engineering of two-dimensional Mott insulators*
58. **Vojta, Matthias**  
*Mott quantum criticality in the one-band Hubbard model*
59. **von Delft, Jan**  
*Uncovering non-Fermi-liquid behavior in Hund metals*
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*Valence bond solid and possible deconfined quantum criticality in an extended kagome lattice Heisenberg antiferromagnet*