

List of poster presentations

Posters will be presented in two poster sessions -

Monday, 5th February, 17:30 - 18:30 (focus on odd poster numbers) and

Tuesday, 6th February, 19:00 - 20:00 (focus on even poster numbers).

For each poster contribution there will be one poster wall (width: 97 cm, height: 250 cm) available. The preferred size of a poster is A0, portrait. Please do not feel obliged to fill the whole space. Posters can be put up for the full duration of the event, 5th to 8th February 2024.

1. **Chakraborty, Nilotpal**
Entanglement smectic and stripe order
2. **Dagnino, Andrea Kouta**
The landscape of tight-binding models
3. **Datta, Anushree**
Higher Chern number ideal bands of helical twisted trilayer graphene in magnetic fields
4. **Dong, Yu-Jiang**
E-T duality of type-II composite Fermion Wigner solid in two dimensional hole gas
5. **Feuerpfeil, Andreas**
Continuum Hamiltonians for non-abelian spin liquids
6. **Guo, Huaiming**
Strain-induced pseudo-magnetic field beyond graphene
7. **He, Yuchi**
Fractional Chern insulator in twisted bilayer $MoTe_2$

8. **Jha, Mani Chandra**
Laughlin topology in fractal lattices without area law
9. **Kadow, Wilhelm**
Nagaoka ferromagnetism and spin-hole fractionalization in hole-doped Kitaev spin liquids
10. **Liu, Hui**
Broken symmetry in ideal Chern bands
11. **Mao, Ning**
Lattice relaxation, electronic structure and continuum model for twisted bilayer $MoTe_2$
12. **Mostaan, Nader & Palm, Felix**
Braiding Laughlin quasi-holes in ultracold atoms using Ramsey interferometry
13. **Motruk, Johannes**
Kagome chiral spin liquid in transition metal dichalcogenide moiré bilayers
14. **Nielsen, Anne**
Fractional quantum Hall effect on fractals
15. **Peshcherenko, Nikolai**
Probing chirality in Weyl and Dirac semimetals with a non-linear Hall response
16. **Petiziol, Francesco**
Floquet engineering of the toric-code Hamiltonian
17. **Predin, Sonja**
Dipole representation of half-filled Landau level: quantum Hall and its bilayers
18. **Qiao, Weiliang**
Rashba spin-orbital coupling enhanced excitonic topological order in InAs/GaSb bilayer system
19. **Sidorenko, Anna**
Topological protection of transport in fast Thouless pumps in the presence of disorder

20. **Tada, Yasuhiro**
Topological multipoles probed by magnetic fields
21. **Tan, Fei**
Non-universal behaviours of thermal Hall conductance in fractional quantum Hall states
22. **Voinea, Cristian**
Deformed Fredkin model for the $\nu = 5/2$ Moore-Read state on thin cylinders
23. **Wang, Hao**
The MT protected topological states and local symmetry in 2D antiferromagnetic $SrMn_2Bi_2$
24. **Wang, Xinghao**
Thermal transport of excitonic topological state in InAs/GaSb heterojunctions
25. **Wang, Yuzhu**
Graviton modes in fractional quantum Hall fluid
26. **Xu, Cheng**
Maximally localized Wannier orbitals, interaction models and fractional quantum anomalous Hall effect in twisted bilayer $MoTe_2$
27. **Yang, Kang**
Quantum geometry, particle-hole asymmetry and their application in moiré materials
28. **Zerba, Caterina**
Quantum quenches and emergent hydrodynamics in a Landau level
29. **Zhou, Yi Han**
Gate-tunable fractional Chern insulators in twisted double bilayer graphene
30. **Li, Jiangxu**
D2 or dDsC van der Waals corrections for twisted $MoTe_2$ comparison of many-body phase diagrams