List of poster presentations

The poster sessions take place on **Tuesday, 18th June 19:00 - 21:30** with focus on odd poster numbers AND **Thursday, 20th June 19:00-21:30** with focus on even poster numbers on the second floor of the main building.
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.

1. **Anand, Amit**
   Cyclotomic polynomials in Quantum Chaos

2. **Beato, Nicolò**
   Phase transitions analysis in the quantum control landscape

3. **Belzig, Wolfgang**
   Fractional transconductance via non-adiabatic topological Cooper pair pumping

4. **Belzig, Wolfgang**
   Quantum geometry and topology of multi-terminal Andreev bound states

5. **Carolan, Eoin**
   Counterdiabatic control in the impulse regime

6. **Chorbadzhiyska, Yoana**
   Random Matrix Theory Approach to Quantum Fisher Information

7. **Dengis, Simon**
   Creating NOON states with ultracold bosonic atoms via counterdiabatic driving

8. **Dowarah, Sasanka**
   Spectra and phase transition in Grover's algorithm with systematic noise

9. **Esin, Iliya**
   Universal transport in periodically driven systems without long-lived quasiparticles

10. **Espinosa Champo, Abdiel de Jesús**
    Fubini-Study metric and topological properties of at band electronic states: the case of an atomic chain with s-p orbitals

11. **Guo, Xingyao**
    Quantum metric effects on Majorana bound states

12. **Hasan, Mehedi**
    Geometric Frustration in Optical Triangular and Kagome Lattices

13. **Hsu, Hsiu-Chuan**
    Nonlinear photoconductivities and quantum geometry of chiral multifold fermions

14. **Islam, Md Mursalin**
    Cavity control of charge-density-wave transition

15. **Iwanek, Łukasz**
    Exploring many-body localization in fermionic systems using semi-classical method

16. **Jankowski, Wojciech**
    Quantum-geometric optical manifestations in multi-gap topological phases

17. **Jha, Rishabh**
    Krylov localization as a probe for ergodicity breaking

18. **Kim, Hyeongjin**
    Integrability as an attractor of adiabatic flows

19. **Klees, Raffael**
    Synthetic Topological Josephson Matter

20. **Kriel, Johannes**
    Universal cooling dynamics towards a quantum critical point

21. **Kryvoruchko, Mariia**
Geometric phase for nonlinear oscillators from perturbative renormalization group

22. **Matsoukas-Roubeas, Stylianos Apollonas**
Spectral Form Factors for Open Quantum Systems

23. **Messina, Antonino**
Hermitian and unitary almost-companion matrices of polynomials on demand

24. **Mohapatra, Sashikanta**
Failure of generealized Gibbs ensemble for integrable models with scar-like states

25. **Morawetz, Stewart**
Efficient Paths for Local Counterdiabatic Driving

26. **Nathtan, Frederik**
Topological frequency conversion in Weyl semimetals

27. **Nielsen, Anne**
Phase Transitions in Quantum Many-Body Scars

28. **Oliveira Alves, Gabriel**
Collisional thermometry for Gaussian systems

29. **Orlov, Pavel**
Adiabatic Transformations in Dissipative and Non-Hermitian Phase Transitions

30. **Palm, Felix**
Braiding Laughlin quasi-holes in ultracold atoms using Ramsey interferometry

31. **Paul, Koushik**
Optimal counterdiabaticity using piecewise cubic interpolation

32. **Paul, Koushik**
Photonic Counterdiabatic Quantum Optimisation

33. **Pavlov, Venelin**
Quantum metrology with critical driven-dissipative collective spin system

34. **Pawłowski, Jakub**
Long-living prethermalization in nearly integrable spin ladders

35. **Petrova, Elena**
Tangent space generators of matrix product states and exact Floquet quantum scars

36. **Rahmani, Armin**
Topological and geometric patterns in optimal bang-bang protocols for variational quantum algorithms: application to the XXZ model on the square lattice

37. **Rincon, Julian**
Light-induced dynamics in one-dimensional interacting fermions

38. **Schindler, Paul**
Counterdiabatic Driving for Periodically Driven Systems

39. **Sharipov, Rustem**
Hilbert-space geometry of Quantum Chaos

40. **Shi, Likun**
Floquet Fermi Liquid and Ultra-critical Floquet Non-Fermi Liquid

41. **Solfanelli, Andrea**
Exploring the role of coherences and long-range couplings in quantum thermodynamics

42. **Steiner, Jacob**
A Fractional Thouless Pump

43. **Střeleček, Jan**
Approximating the state manifold geometry

44. **Tang, Jialiang**
Exploring Ground States of Fermi-Hubbard Model on Honeycomb Lattices with Counterdiabaticity

45. **Tesfaye, Isaac**
Quantum geometry of bosonic Bogoliubov quasiparticles

46. **Tiutiakina, Anastasiia**
Adiabatic eigenstate deformations and weak integrability breaking of Heisenberg chain

47. **Tiutiakina, Anastasiia**
Adiabatic gauge potential and integrability breaking with free fermions

48. **Vanovac, Sara**
Sara Vanovac Study of Adiabatic Gauge Potential for Weak Integrability Breaking Perturbations in the Heisenberg Chain

49. **Villa, Greta**
Topological Classification of an Interacting Driven-Dissipative Bosonic Cavity

50. **Wampler, Matthew**
Fragmentation and Prethermal Dynamical Phases in Disordered, Strongly-Interacting Floquet Systems

51. **Wang, Botao**
An cold-atom elevator to build topological quantum matter

52. **Xu, Chen**
Quantum geometry and motion in in-homogeneous fields

53. **Xu, Ruoqian**
Benchmarking hybrid digitized-counterdiabatic quantum optimization

54. **Yarloo, Hadi**
Adiabatic time evolution of highly excited states

55. **Zhang, Xiao**
Nonlinear photocurrent as a probe for topological phase transition

56. **Zhao, Hongzheng**
Engineering Hierarchical Symmetries