



List of posters

Odd-numbered posters will be presented on Monday, September 23, and even-numbered on Wednesday, September 25.

No.	Name	Title
1	Al Saati, Sariah	Quantum Hall and light responses in a 2D topological semimetal
2	Albert, Nico	Truncated Hilbert space approach for simulating dynamics in perturbed quantum Ising chains
3	Besproswanny, Julia	STM studies on the Weyl-semimetal and superconductor trigonal PtBi ₂
4	Bestha, Kranthi Kumar	Magnetic phase diagram of Kitaev quantum spin liquid candidate Na ₃ Co ₂ SbO ₆
5	Borutta Janarthanaraman, Hariprasaad	A tractable spin-1 model on a pyrochlore lattice
6	Carrillo, Eduardo	Emergent coupled states in a crystalline multilayer heterostructure
7	Chaturvedi, Raghav	Non-Hermitian topology of transport
8	Chuang, Chien-Wen	Exchange field induced spin splitting in unoccupied electronic states of topological ferromagnet (Cr _x Sb _{1-x}) ₂ Te ₃
9	Chung, Kristian	Higgs phases and boundary criticality
10	Cônsoli, Pedro	Disorder effects in spiral spin liquids: Long-range textures, Friedel-like oscillations, and spiral spin glasses
11	Das, Rathindra Nath	Chaos and integrability in triangular billiards
12	Das, Michael	Interference effect in HgTe-based quantum point contacts
14	Dittmar, Marco	Growth and spectroscopy of altermagnetic MnTe

15	Dyakonov, Vladimir	Relaxation dynamics of optically-pumped spin centers in 2D hexagonal boron nitride
16	Erhardt, Jonas	Edge spectroscopy of the QSHI indenene at the atomic scale
17	Feuerpfeil, Andreas	Generalization of the Calogero-Sutherland model to the Read-Rezayi series
18	Firouzmandi, Reza	Thermal transport in multiferroics
19	Fischer, Max	Local moments: from continuous hybridisations to discrete energy levels
20	Flores Calderon, Rafael Alvaro	Topological quantum criticality from multiplicative topological phases
21	Francini, Niccolo	Novel order-by-disorder nematic phase in Kramers Hamiltonian on pyrochlore lattice
22	Ganser, Romana	Moiré phases of an epitaxial honeycomb monolayer AgTe/Ag(111)
23	Ge, Jianfeng	Direct visualization of impurity-stabilized Wigner crystallization
24	Gehrig, Lukas	Graphene intercalation of the large gap quantum spin Hall insulator bismuthene
26	Guehne, Robin	Orbital selective commensurate modulation of the local density of states in the Kagome metal ScV_6Sn_6
27	Heßdörfer, Johannes	Flat band surface states on a kagome-terminated weak topological insulator
28	Hohmann, Hendrik	Universality of sublattice modulated superconductivity
29	Hooley, Chris	A generalised Haldane map from the matrix product state path integral to the critical theory of the J1-J2 chain
30	Ikeda, Yuya	Photocurrent induced by a two-frequency drive in Dirac systems
31	Jakubczyk, Fabian	Multiphase superconductivity and magnetism in the heavy fermion superconductor CeRh_2As_2
32	Joy, Aprem	Dynamical gauge fields in multilayer Kitaev spin liquids
33	Karl, Jonathan	Discrete JT gravity as an Ising model
34	Keßler, Philipp	Absence of magnetic order in RuO_2 : Insights from μSR spectroscopy and neutron diffraction
35	Kinvig, Benjamin	Observing Dyson and Gade singularities in coaxial cable networks
36	Klauss, Hans-Henning	Chiral superconductivity in the van-der Waals heterostructure 4Hb-TaS_2
37	Kocsis, Vilmos	Magnetic, magnetoelectric, and magnetoelastic properties of the quantum spin liquid candidate $\text{Na}_2\text{Co}_2\text{TeO}_6$

38	Köhler, Fabian	Frustrated Ising models in hyperbolic space
39	Krüger, Wilhelm	Triple-q order in $\text{Na}_2\text{Co}_2\text{TeO}_6$ from proximity to Hidden-SU(2)-symmetric point
40	Kultaeva, Anastasiia	Charge separation induced spin centers in photocatalytic UiO-66 MOF
41	Kumar, Ankit	Planar Hall and anomalous planar Hall effects up to room temperature in t-PtBi2
42	Lapp, Clara Johanna	Time evolution of surface state wave packets in nodal noncentrosymmetric superconductors
43	Lei, Karen	Determining ground state spin textures of the ferromagnetic Kondo lattice model
44	Lenggenhager, Patrick	Hyperbolic spin liquid
45	León, Andrea	Tuning altermagnetic phases in $\text{Ca}_3\text{Ru}_2\text{O}_7$ under strain
46	Li, Changan	Anomalous Andreev spectrum and transport in non-Hermitian Josephson junctions
47	Lindenthal, Jakob	All-optical light-propagation switching
48	Link, Julia	Bogoliubov-Fermi surfaces in 2D heterostructures
50	López Rojo, Eva	Instabilities driven by electron-electron interactions in Weyl semimetals
51	Lu, Hongyu	Roton condensation in fractional quantum anomalous Hall states
52	Ma, Libo	Topological phase manipulation in 1-3D photonic systems
53	Maity, Atanu	Quantum spin liquid candidates in spin-1 diamond antiferromagnet
54	Maurya, Krishna Chand	Towards robust transport of entangled photons in a Floquet topological waveguide
55	Meng, Tobias	Black hole mirages: tilt-tronics and electron lensing devices in Weyl semimetals
56	Meyer, Manuel	Quantum spin Hall effect at elevated temperatures in InAs/GaInSb/InAs trilayer quantum wells
57	Miranda, Michel	Kondo screening in Kitaev spin liquids with a Fermi surface
58	Mistonov, Alexander	Crystal structure of high T_c ferromagnetic vdW material Fe_4GeTe_2
59	Moitra, Saranyo	Entanglement measures from correlation functions in generic many-body Fermionic states
60	Müller, Louis	Signatures of skyrmions in MnSb_2Te_4 studied by STXM imaging

61	Naichuk, Eduard	Non-Hermitian XY model with clock anisotropy
62	Orio, Hibiki (presented by Lorenz Klein)	Linear and circular dichroism of angle-resolved photoelectron spectroscopy on the charge density wave material TiSe ₂
63	Paiva, Carolina	The quantum geometry of exciton states
64	Pal, Adipta	Multiplicative topological semimetals
65	Parui, Kaushick	Frustrated magnetism in copper hydroxy sulphate minerals
66	Peets, Darren C.	Magnetic phase diagrams and dimensionality of magnetic interactions in rouaite, Cu ₂ (OH) ₃ (NO ₃)
67	Pongsangangan , Kitinan	Quantum oscillations in magneto-thermoelectrical conductivities: The Keldysh field-theoretical approach
68	Potten, Janik	Keldysh functional renormalization group for Heisenberg and Kitaev systems
69	Quade, Robin	Exchangeless braiding in Kitaev chain systems
70	Richter, Fabian	Exceptional points at X-ray wavelengths
71	Rieß, Christian	Resonators for reading out topological Qbits
72	Roy, Anand	Nanowires from topological semimetals: From growth to quantum nanotechnology
73	Sahoo, Manaswini	Ubiquitous order-disorder transition in the Mn antisite sublattice of the magnetic topological insulators
74	Sankeshwar, Vijayalaxmi	Investigation of the magnetic structure of Europium on W(110)
75	Sarkar, Rajib	Magnetism in quantum spin liquid candidates RuBr ₃ and NaYbS ₂
76	Scheppach, Henri	Symmetry-resolved operator algebras
77	Schulze, Manuel	A previously unnoticed RE-TM-antimonide: CeFeSb ₃
78	Seewald, Felix	Non-collinear magnetism and Fe-R interaction in R ₃ Fe ₃ Sb ₇
79	Sharma, Avdhesh Kumar	Interplay of anomalous & topological Hall effects in kagome magnet HoPtSn
80	Sharma, Shailja	Anomalous electronic properties of flux-grown ZrTe ₅ single crystals
81	Shyta, Vira	Axion electrodynamics of time-reversal invariant and time-reversal breaking Weyl superconductors
82	Sturm, Jonathan	Topological quantum optics in atomic emitter arrays

83	Sun, Haipeng	Field-enhanced critical current in altermagnetic Josephson junctions
84	Tcakaev, Abdul-Vakhab	Intermixing-driven surface and bulk ferromagnetism in $\text{MnBi}_6\text{Te}_{10}$
85	Thirugnanasambandam Masilamani, Muthu Prasath	Utilizing matrix element effects to study the orbital texture of Dirac surface state in PtTe_2
86	Umlauf, Torsten	Fabrication and low-temperature characterization of HgTe-based quantum Well heterostructures in ring geometries
87	Veyrat, Louis	A stencil-lithography station all-in-UHV for the nanofabrication of air-sensitive thin-films
88	Wang, Yu	Observation of zero-energy modes in Gd atomic chains on superconducting Nb (110)
89	Weber, Manuel	Tunable criticality and pseudocriticality across the fixed-point annihilation in a quantum dissipative spin system
90	Weinhold, Tillmann	Aluminum electric field gradient influenced by actual rare earth element in RAISi Weyl semimetals
91	Wenger, Anja	Theory of unconventional magnetism in Cu-based kagome metals
92	Winter, Joe	Topological textures in momentum space and their entanglement properties
93	Xian, Zhuo-Yu	Wormhole-induced effective coupling in SYK chains
94	Yang, Yuan	Superconductivity of the bilayer t-J ladder
95	Ye, Mai	Raman study of the collective excitations in topological systems
96	Zhu, Xingchuan	Exact demonstration of pair-density-wave superconductivity in the σ_z -Hubbard model
97	Zimmermann, Hanns	Designing a topological thin-film X-ray cavity

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