

Posterlist

Poster ID	Name	Affiliation	Title
P1	Alexey Alfonsov	IFW Dresden, GER	Static and dynamic magnetism of $(\text{MnBi}_2\text{Te}_4)(\text{Bi}_2\text{Te}_3)_n$ ($n = 0, 1$) probed by electron spin resonance technique.
P2	Isidora Araya Day	TU Delft, NED	Topological defects in a double-mirror quadrupole insulator displace diverging charge
P3	Masoud Bahari	U Würzburg, GER	Topological phase transition away from the Fermi surface in multiband superconductors
P4	Bhargava Balaganchi Anantha Ramu	IFW Dresden, GER	Quantum phase transitions and a disorder-based filter in a Floquet system
P5	Michael Barth	U Regensburg, GER	Periodic supercurrent oscillations in topological insulator nanowire Josephson junctions in an axial magnetic field
P6	Johannes Baumann	U Würzburg, GER	Superconductivity in HgTe based quantum point contacts
P7	Florian Bayer	U Würzburg, GER	THz time domain polarimetry and kp models for strained mercury telluride layers
P8	Christian Berger	U Würzburg, GER	Magneto-optical detection of the topological magnetoelectric effect under realistic experimental conditions
P9	Simon Betzold	U Würzburg, GER	Room temperature organic exciton-polariton lasing in a two-dimensional lattice
P10	Wouter Beugeling	U Würzburg, GER	Massive and topological surface states in strained HgTe
P11	Lena Bittermann	TU Braunschweig, GER	Probing Majorana bound states via a pn-junction containing a quantum dot
P12	Leonid Bovkun	U Würzburg, GER	Investigating the transition from 2D to 3D topological insulators
P13	A. Mert Bozkurt	TU Delft, NED	Topological information device operating at the Landauer limit
P14	Hauke Brand	U Würzburg, GER	Electric-circuit realization of a hyperbolic drum
P15	Alexander Burger	U Würzburg, GER	Anisotropic surface state quantization effects in α -Sn/CdTe(001)
P16	Titouan Charvin	IFW Dresden, GER	Quantum transport of Dirac fermions in 3D topological-insulator nanowires

Presentation odd poster IDs = Tuesday

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P17	Ralph Claessen & Raul Stühler	U Würzburg, GER	Optical excitations in the QSH insulator bismuthene: carrier dynamics and excitons
P18	Armando Consiglio	U Würzburg, GER	Pressure and strain tuning in AV_3Sb_5 kagome metals
P19	Lorenzo Crippa	U Würzburg, GER	Spontaneous formation of exceptional points at the onset of magnetism
P20	Giuseppe Di Giulio	U Würzburg, GER	Towards explicit discrete holography: aperiodic spin chains from hyperbolic tilings
P21	Fernando Dominguez	TU Braunschweig, GER	Transport through chiral networks in minimally twisted bilayer graphene
P22	Joseph Dufouleur	IFW Dresden, GER	Disorder and topology in WTe_2
P23	Johannes Dürerth	U Würzburg, GER	Optical vortices in hemispherical organic microcavities
P24	Philipp Eck	U Würzburg, GER	Higher-order and \mathbb{Z}_2 topological phases on the triangular lattice
P25	Jonas Erhardt	U Würzburg, GER	Indium on SiC: A platform for Dirac fermions in a triangular topological insulator
P26	Tim Figgemeier	U Würzburg, GER	Electronic structure of NbP and TaAs: influence of spin-orbit coupling on the topological properties
P27	Kajetan Fijalkowski	U Würzburg, GER	Quantum anomalous Hall edge channels survive up to the Curie Temperature
P28	Georgia Fragkopoulou	TU Dresden, GER	Bond disorder in Heisenberg-Kitaev-Gamma models
P29	Bernhard Frank	TU Dresden, GER	Dimensionally confined Kondo lattices: antiferromagnetism, screening and quantum criticality
P30	Felix Friedrich	U Würzburg, GER	Toward spin-polarized scanning tunneling spectroscopy on Co/Cu(111): steps, challenges and recent advances
P31	Christopher Fuchs	U Würzburg, GER	Fast transport-based band structure analysis of HgTe heterostructures
P32	Maximilian Fürst	U Würzburg, GER	Solution of the Dirac equation on a pseudosphere

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P33	Philipp Gagel	U Würzburg, GER	Electro-optical switching of a topological polariton laser
P34	Begmuhammet Geldiyev	U Würzburg, GER	Magnetic Weyl semimetal phase in a kagome magnet $\text{Co}_3\text{Sn}_2\text{S}_2$
P35	Pratyay Ghosh	U Würzburg, GER	Another exact ground state of a 2D quantum antiferromagnet
P36	Julia Hannukainen	KTH Stockolm, SWE	Local topological markers in odd spatial dimensions
P37	Patrick Härtl	U Würzburg, GER	Surface transport on the BiAg_2 alloy
P38	Suraj Hegde	TU Dresden, GER	Semiclassical dynamics in tilted Weyl semimetals: Thomas precession, chiral vortical effect and black hole spacetimes
P39	Johannes Heßdörfer	U Würzburg, GER	Electronic structure of the weak 3D topological insulator candidate $\text{Bi}_{12}\text{Rh}_3\text{Ag}_6\text{I}_9$
P40	Hendrik Hohmann	U Würzburg, GER	Observation of cnoidal wave localization in non-linear topolelectric circuits
P41	Rebeca Ibarra	MPI CPFS Dresden, GER	Noncollinear magnetic ordering in epitaxial thin films of MnPtGa
P42	Mani Chandra Jha	MPI PKS Dresden, GER	Laughlin topology on fractal lattices without area law
P43	Vanessa Junk	U Regensburg, GER	Fingerprints of Berry curvature in high-harmonic generation in topological insulator surface states
P44	Benjamin Katter	U Würzburg, GER	Core-level spectroscopy on correlated Weyl semimetals
P45	Michael Kick	U Würzburg, GER	High mobility 2DEG in HgTe quantum wells
P46	Jiwoong Kim	U Würzburg, GER	Thin film growth of half-Heusler superconductor YPTb by molecular beam epitaxy
P47	Raffale Klees	U Würzburg, GER	Quantum geometry in synthetic topological Josephson matter
P48	Sergey Krishtopenko	CNRS - U Montpellier, FRA	Higher-order topological insulator in zinc-blende semiconductor quantum wells

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P49	Sudhir Kumar	M. J. P. Rohilkhand U, IND	Theoretical modelling of anti-ferromagnetic state of Dy-doped Bi_2Se_3
P50	Clara Johanna Lapp	TU Dresden, GER	Majorana flat bands at structured surfaces of nodal non-centrosymmetric superconductors
P51	Berengar Leikert	U Würzburg, GER	Impact of strain and dimensionality on thin films of the Mott insulator LaTiO_3
P52	Markus Leisegang	U Würzburg, GER	Magnetic domain structures of $\text{Gd}(0001)/\text{W}(110)$ films
P53	Ji Soo Lim	U Würzburg, GER	Anomalous Hall effect in SrIrO_3 and SrRuO_3 thin films
P54	Jakob Lindenthal	TU Dresden, GER	Optoelectronic pressure sensing utilising a topological interface state
P55	Bing Liu & Tim Wagner	U Würzburg, GER	Moiré pattern formation in epitaxial growth on a lattice-mismatched substrate: Sb on $\text{InSb}(111)\text{A}$
P56	Zihong Liu	U Würzburg, GER	Metallic and deconfined quantum criticality in Dirac systems
P57	Jacquelin Luneau	ENS Lyon, FRA	Topological power pumping in quantum circuits
P58	Pankaj Mandal	U Würzburg, GER	Finite field transport response of a dilute magnetic topological insulator based hybrid Josephson junction
P59	Tobias Meng	TU Dresden, GER	Maximal current from minimal gain in open Chern systems
P60	Manuel Meyer	U Würzburg, GER	Voltage control of the quantum scattering time in $\text{InAs}/\text{GaSb}/\text{InAs}$ trilayer quantum wells
P61	René Meyer	U Würzburg, GER	Symmetry resolved entanglement in quantum systems and gravity
P62	Tommaso Micallo	TU Dresden, GER	Emergent non-Hermitian topology and boundary sensitivity in interacting $\text{Su-Schrieffer-Heeger}$ chains
P63	Benjamin Michen	TU Dresden, GER	Mesoscopic transport signatures of disorder-induced non-Hermitian phases
P64	Kyrylo Ochkan & Raghav Chaturvedi	IFW Dresden, GER	Observation of non-Hermitian topology in a multi-terminal quantum Hall device

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P65	Artem Odobesko	U Würzburg, GER	Observation of mass acquisition in Landau Level spectroscopy in a topo-logical crystalline insulator PbSnSe
P66	Hibiki Orio	U Würzburg, GER	Electronic properties of organic/transition metal dichalcogenide hetero-structures
P67	Burak Özer	IFW Dresden, GER	van-der-Waals heterostructures of 2D magnets
P68	Stanislau Piatrusha	U Würzburg, GER	Extracting the current-phase relation of a HgTe superconducting weak link from the microwave susceptibility
P69	Adriana Pulffy-Buß	U Würzburg, GER	Towards x-ray photonic devices exploiting non-trivial topology
P70	Manaswini Sahoo	IFW Dresden, GER	Impact of Mn/Sb intermixing and Mn content on the magnetic ground state and the dimensionality of the high-TC topological insulator $Mn_{1-x}Sb_xTe_4$
P71	Steffen Schreyeck	U Würzburg, GER	Ferromagnetic topological crystalline insulator thin films
P72	Jakub Schusser	U Würzburg, GER	Unveiling non-trivial topology in Weyl semimetals by photoemission
P73	Sukriti Singh	MPI CPFS Dresden, GER	Anisotropic large diamagnetism in Dirac semimetals $ZrTe_5$ and $HfTe_5$
P74	Jonathan Sturm	U Würzburg, GER	Phase-dependent thermoelectric transport in transverse Josephson junctions
P75	Yutaro Tanaka	Tokyo Tech, JPN	Anomalous crystal shapes of topological crystalline insulators and higher-order topological insulators
P76	Abdul-Vakhab Tcakaev	U Würzburg, GER	Local magnetic and electronic properties of the intrinsic magnetic topological insulator $MnBi_6Te_{10}$
P77	Teresa Tschirner	IFW Dresden, GER	Linear colossal magnetoresistance driven by magnetic textures in $LaTiO_3$ thin films on $SrTiO_3$
P78	Tatiana Aureliia Uaman Svetikova	HZDR Dresden, GER	Nonlinear parameters of Dirac fermions in HgTe structures: trivial and topological
P79	Maksim Ulybyshev	U Würzburg, GER	Approximating the electronic properties of the Hubbard model using the instanton gas approach
P80	Maximilian Ünzelmann	U Würzburg, GER	Beyond Weyl points: observation of a symmetry-enforced Weyl nodal line

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P81	Sandeep Upadhyay	U Würzburg, GER	Anomalous periodicity in the supercurrent interference of HgTe 3D TI Josephson junction.
P82	Arthur Veyrat	IFW Dresden, GER	Planar Hall effect in the type-I Weyl semimetal trigonal-PtBi ₂
P83	Kostas Vilkelis	TU Delft, NED	Bloch-Lorentz magnetoresistance oscillations in delafossites
P84	Niklas Wagner	U Würzburg, GER	Mott insulators with boundary zeros
P85	Lixian Wang	U Würzburg, GER	Selective equilibration of counter-propagating edge channels in a topological insulator
P86	Zhenjiu Wang	MPI PKS Dresden, GER	Deconfined multi-critical point
P87	Manuel Weber	MPI PKS Dresden, GER	Dissipation-induced order and fixed-point annihilation in quantum spin systems
P88	Simon Widmann & Felix Hoffmann	U Würzburg, GER	Topological acoustics
P89	Yuan Yan	U Würzburg, GER	Electron-hole scattering limited transport and weak antilocalization effect in 3D-TI HgTe
P90	Hafsa Zeroual	U Würzburg, GER	Triangulene on (AgTe)/Ag(111): Growth, electronic structure and substrate modification

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