

Poster Session II, Tuesday 16 July 2024, 20:00 h

Julia Amann	Anisotropic transport in 1D (bilayer) graphene superlattices
Maximilian Fürst	Transport of massless Dirac electrons on curved surfaces
Ping-Yuan Lo	Full-zone valley polarization landscape of finite-momentum excitons in transition-metal dichalcogenide monolayers
Arkajyoti Maity	Breaking symmetries with light: Novel non-linear responses in optically pumped centrosymmetric Dirac systems
Stepan Marek	Exciton spectra from first principles density matrix time propagation
Magdalena Marganska	Superconductivity from electronic interactions on a fragmented Fermi surface
Sebastian Matschy	Characterization of a THz near-field microscope
Roop Kumar Mech	Nanoscale imaging of moiré patterns using time-domain Electro-Mechanical technique
Erwin Mönch	Cyclotron resonance overtones and near-field magnetoabsorption via terahertz Bernstein modes in graphene
Nhat Quyen Nguyen	Ultrafast dynamics in quasi-2D CDW systems LaTe_3 and LaSeTe_2
Alexander Riedel	Coherent suppression of high-harmonic generation from Dirac-materials
Robin Schock	Transfer and contact optimization of MoS_2 nanotubes
Christoph Setescak	The coarse geometric origin of topological phases

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Bálint Szentpéteri	Tuning the proximity induced spin-orbit coupling in bilayer graphene based heterostructures
Isabell Weimer	Gate screening of coulomb interactions in bernal bilayer graphene
Patrick Wittig	Effects of spin-orbit coupling in a valley chiral kagomé network
Tsuei-Shin Wu	Magnetic force microscopy perspective of the anomalous phase in a kagome magnet with out-of-plane easy-axis anisotropy
Yueh-Ting Yao	Atomic Scale Quantum Anomalous Hall Effect in Monolayer Graphene/MnBi₂Te₄ Heterostructure