

Posters

Benjamin Achatz	Steering interfacial molecular self-assembly by substrate-molecule charge transfer
Stefanie Adams	Terahertz field control of surface topology probed with subatomic resolution
Büşra Gamze Arslan	Yu-Shiba-Rusinov States at the Edge of a Magnetic Monolayer
Emma Berger	Imaging the Quantum Melting of Generalized Wigner Crystals
Nicolaj Betz	Energy conversion in single atomic spins exhibiting magnetic exchange forces
Dasom Choi	Multi-photon resonant transition in an Er-Ti atomic spin pair
Jiri Dolezál	Raman-detected quantum dot microscopy for nanoscale electrostatic potential imaging
Alina Drechsler	STM/STS Studies of Single-Atom Fe Inclusions in MBE-grown Monolayer MoS₂/Gr/Ir(111)
Florian Faaber	Influence of atomic-scale defects on coherent phonon excitations by THz near fields in an STM
Filippo Giovanni Fabozzi	On-Surface Photopolymerization of Stilbenes via Templating [2+2] Cycloaddition
Ying Gao	Orientational switching as an extra degree of freedom in molecular self-assembly on Au(111)
Patrick Haertl	Structural, electronic, and magnetic properties of Europium films epitaxially grown on W(110)
Longfeng Huang	Molecular Interaction-Directed Self-Assembly and Reorientation of [6]Cycloparaphenylenes on Au(111)

Posters

Margarete Huisinga	Revealing Spatial Inhomogeneities in Superconducting 2H-NbS₂ using Magnetic Sensor Atoms
Tzu-Chao Hung	Phthalocyanine-based bipartite lattices: Towards a molecular Lieb lattice
Maneesha Ismail	Tuning spin transitions in a coupled two-level system using spin-electric control.
Hao Jiang	Local activation of on-surface synthesis via laser-illuminated STM tips: toward atomically precise reaction control
Wouter Jolie	Magnetic adatom manipulation on monolayer transition metal dichalcogenides
Kira Junghans	Realization of separation of time scales for a heterogeneous atomic Boltzmann machine
Antti Karjasilta	Evidence of multiferroicity in monolayer NiBr₂
Jinkyung Kim	Magnetic Quantum Corrals on a Proximity-Superconducting Rashba Surface Alloy
Anna Krieg	Tuning the magnetism of a single atom by local charge gating
Hitesh Kumar	Cross-sectional scanning tunneling microscopy study of nearly lattice-matched III–V semiconductor heterostructures
Paul Laubrock	PTCDA on calcite(104) - high resolution imaging and charge state control of organic molecules on a bulk insulator
Henrik Lichtl	Landau-Zener Dynamics and the Quantum-Classical Crossover in Antiferromagnetic Nanomagnets

Posters

Ye Liu	Steering Magnetic Coupling in Diradical Nonbenzenoid Nanographenes
Janine Lorenz	Quantitative imaging of the surface potential of a single PTCDA molecule on Pb(111)
Felix Lüpke	Momentum-selective tunneling from the edge of a van der Waals scanning probe tip
Bharti Mahendru	Josephson diode in a Pb-Pb junction with chiral Fe clusters
Philipp Maier	Stochastic resonance realized with a superconducting magnetic impurity state
Benjamin Mallada	Atomic-Scale Sequencing of Biomolecules with nc-AFM
Paola Mantegazza	Scanning tunnelling microscopy reveals homocoupling-free and exceptionally long pgBTTT as high-performance materials in OECTs
Alexandra Meerovici Goryn	Coherent dynamics of magnons by atomic assembly of spin chains with ESR-STM
Uladzislau Mikhailau	STM imaging of stripe dynamics in superconducting nickelate
Matyas Nachtigall	Effects of Alternating Bias on Spin Resonance in Quantum Devices.
Jeongmin Oh	Determination of the coupling regime and Kondo temperature of a spin $\frac{1}{2}$ system at millikelvin temperatures
Soumyajit Rajak	Ångström-Resolved Spectro-microscopic Visualization of Surface Catalyzed Metalation Mediated Ring Fusion in Benzoporphyrins
Luise Renz	Setup of an ESR-STM at mK Temperatures in a Closed-Cycle Dilution Refrigerator

Posters

Ángel Rodríguez Alcaraz	Engineering Spin-1/2 Chains with ESR-STM and NISQ Devices for Time Crystal Realization
Ricardo Ruvalcaba	On-Surface Reactions of Electronically Active Self-Assembled Monolayers for Electrode Work Function Tuning
Sascha Sadewasser	Conductive atomic force microscopy tomography on Cu(In,Ga)Se ₂ solar cell absorbers
Affan Safeer	Polarons in epitaxial single-layer MnBr ₂
Guillaume Schull	Atomically-controlled fluorescence with STM: from electron to photon excitations
Lisanne Sellies	Photoexcitation Atomic Force Microscopy
Julian Skolaut	An electrical molecular motor driven by angular momentum transfer
Sreehari Sreekumar	Charge Manipulation in Hematite Fe ₂ O ₃ as a Route to Polaron Physics
Jan ter Glane	Probing the Electrostatic Potential by AFM with an O-terminated Copper tip: Direct Elemental Discrimination on hBN
Tfyeche Y. Tounsi	Inelastic tunneling into multipolaronic bound states in single-layer molybdenum disulfide
Antonella Treglia	Dopant-vacancy complexes in transition metal dichalcogenides
Alkisti Vaitsi	THz-driven plasmonic STM luminescence
Lucien Van Assche	Synthesis and characterization of a spin lattice on superconductors using chlorinated tetraazapyrene radicals

Posters

Hester Vennema	Nuclear magnetic resonance on a single atom with a local probe
Christian von Bredow	Scanning tunnelling spectroscopy study of proximity superconductivity in Rash-ba-split surface states
Julian Zeitler	Manipulating the Crystal Field of Individual Atoms on Surfaces