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Aji Alexander	Single-atom co-catalyst dispersion on perovskite surfaces by polarity compensation	
Jonas Allerbeck	Efficient and continuous carrier-envelope phase control for terahertz lightwave- driven scanning tunneling microscopy	
Busra Gamze Arslan	Intricacies in 1T-TaSe₂ Islands with Deposited Cobalt Atoms, A Spinon Kondo Effect?	
Laric Bobzien	Near-Field Amplitude Calibration for THz- STM of Atomic Defects in 2D Semiconductors	
Alice Bremerich	Electronic Structure of Quasi-Freestanding WS <sub>2</sub> /M <sub>0</sub> S <sub>2</sub> Heterostructures	
Hong Bui Thi	Electric-field-driven Spin Resonance by an Exchange-coupled Single-atom Magnet	
Mark Canavan	Coherent Spin Dynamics Between an Electron and Nucleus Within a Single Atom	
Verena Caspari	Shot-noise measurements of single-atom junctions using a scanning tunneling microscope	
Caiyun Chen	Visualizing the Localized Electrons of a Kagome Flat Band	
Fábio Costa	Nanoscale characterization and light emission aspects of defects in h-BN	
Jan Cuperus	Electronic characterization of magnetic CrCl <sub>3</sub> monolayers on NbSe <sub>2</sub>	

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Pranjit Das	Tuning the planarity of a thiantherene- based molecule on Au(111)
Adrian Ebert	Interaction of single 4f metal-organic molecules with light
Eugenio Gambari	A scanning tunnelling microscope combined with radio frequency to detect magnetic resonance at the atomic scale
Lukas Gerhard	An electrical molecular motor driven by angular momentum transfer
Paul Greule	Development of a closed-cycle dilution refrigerator scanning tunneling microscope
Caroline Hommel	Sample preparation in UHV for STM measurements
Longfeng Huang	Reactivity of single metal atoms in different coordination environments
Wantong Huang	Spin engineering in artificial atom molecule hybrids
Xin Huang	Rendering a doped Mott insulator in a NbSe2 heterostructure
Song Jiang	A Universal Model for STM-Induced Luminescence
Keda Jin	Creation of graphene quantum dot nanoarrays in van der Waals heterostructure
Liwei Jing	Strain-Induced Edge States on Bilayer SnTe

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Divya Jyoti	Quantum Phase transitions of spin-chains on superconductors	
Kyungmin Kim	Scanning Near-Field Optical Microscopy study of Metal-Insulator Transition dynamics in Vanadium Dioxide thin film	
Annique Krieg	Quantum simulator to emulate lower dimensional physics and chemistry	
Vivek Krishnakumar Rajathilakam	Measuring Yu-Shiba-Rusinov state dynamics using Stochastic Resonance Spectroscopy	
Hugo Le Du	Huge doping and unconventional superconductivity in NbSe₂ misfit compounds	
Jinwon Lee	Signatures of an amorphous liquid of impurity states in FeTe0.55Se0.45 superconductor	
Kurt Lichtenberg	Ultrafast measurements of Charge Density Wave dynamics with a THz light-coupled STM	
Leonard-Alexander Lieske	Distance-Dependence of Orbital Density Mapping Using a CO-Functionalized STM Tip	
Rian Ligthart	Towards topological edge states with artificial electronic lattices: Cs on InAs(111)	
Zhengyuan Liu	Aging behavior in a self-induced spin glass	
Sandip Maity	Development of an Ultra High Vacuum and Low Temperature Scanning NV Magnetometer	

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Benjamin Mallada	Visualization of $\pi$ -hole in molecules by means of Kelvin probe force microscopy
Luis Enrique Parra López	Probing the coherent amplitude mode in 1T-TaS2 with THz scanning tunneling microscopy
Fabian Paschke	Fusing Open-Shell Molecules on NaCl by Atom Manipulation
Ricardo Javier Peña Román	Investigating Spin Noise and Stray Magnetic Field in Synthetic Antiferromagnetic Structures using Nitrogen-Vacancy Scanning Probe Microscopy
Jose Reina Galvez	Modulation of the tunneling barrier in an Anderson impurity Hamiltonian to study ESR-STM
Daniel Rothhardt	Atomically thin transition metal halide NiBr2 grown on Au(111)
Lisa Rütten	Controlling hybridization in Yu-Shiba- Rusinov dimers through a charge-density wave
Paul Philip Schmidt	Tip induced ring growth of Pb-islands on Si(111)-(7x7)
Johannes Schust	Atomically resolved luminescence in a Terahertz Scanning Tunneling Microscope
Johannes Schwenk	Probing the magnetism of Tb atoms on MgO
Lisanne Sellies	Excited-state spectroscopy of individual molecules with atomic force microscopy

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Jeongah Seo	Defect identification of Nitrogen-doped graphene on Pt (111) using AFM/STM
Shixuan Shan	Enhancing ESR-STM Measurements with Python Instrument Control Library
Junyoung Sim	Coupling Single-Cycle Terahertz Fields into a Scanning Tunneling Microscope: Characterization and Time-Resolved Measurements
Evert Stolte	STM method to measure the lifetime of a single nuclear spin
Marco Thaler	Local Electronic Structure of h-BN on Pt(110)
Auke Vlasblom	On the Edge State of Finite 2D Bi₂Se₃ Crystals
Tobias Wichmann	Phonon gap supported tunneling and Faraday screening through graphene