

Poster Session, Day 1, 10th October

Number	Last Name	First Name	Title of presentation
I-1	Lee	Junghyun (Paul)	Towards realization of hybrid spin networks in solid-state system
I-2	Kim	Sunghoon	Scalable Nanoscale Positioning of Highly Coherent Color Centers in Diamond Nanostructures
I-3	Pinar Solé	Andrés	Nickelocene molecule as an STM magnetic sensor on strongly correlated polyradical nanographene
I-4	Lee	Dongkwon	Spin wave imaging using scanning NV magnetometry
I-5	Kot	Piotr	Towards Coherent Control of Single Atom Nuclear Spins
I-6	Ahn	Seongjin	Towards exact ultrashort quantum gates
I-7	Cho	Franklin	Development of an ensemble electron spin/paramagnetic resonance spectrometer in ultra-high vacuum for surface spins
I-8	Birk	Tobias	Recent Progress in the Investigation of the Magnetic Properties of Individual Lanthanide-Based Dimetallofullerene Single-Molecule Magnets
I-9	Spree	Lukas	Robust Monolayers of Endohedral Fullerenes: Towards Highly Ordered Arrays of Single Molecule Magnets and Spin Qubits
I-10	Shehada	Sufyan	Magnetic anisotropy energy of 3d adatoms and 3d-O molecules on the bilayer of MgO
I-11	Noh	Kyungju	Vanadyl Phthalocyanine single molecules on insulating layers
I-12	Bui	Thi Hong	Electric-field-driven Spin Resonance by an Exchange-coupled Single-atom Magnet
I-13	Willke	Philip	Spin Engineering in Artificial Atom-Molecule Hybrids
I-14	Choi	Dasom	Lanthanide double-decker complexes as on-surface quantum nanomagnets
I-15	Choi	Deung-Jang	Hunting for in-gap states in a superconductor towards topological superconductivity
I-16	Kelai	Massine	Magnetism of 4f and 5d Electrons of Surface-Supported Neodymium Atoms
I-17	Esat	Taner	Molecular quantum sensor on a scanning probe tip for sensing electric and magnetic fields with single-atom sensitivity
I-18	Kim	Jinkyung	Anisotropic hyperfine interaction of surface-adsorbed single atoms
I-19	Nam	Shinjae	Lateral force microscopy as a tool for exploring short-range interactions
I-20	Ollier	Alexina	Energy dissipation on magic angle twisted bilayer graphene
I-21	Taherpour	Saba	Benchmarking of Optimal Control Theory Techniques
I-22	Reale	Stefano	Erbium on MgO(100)/Ag(100) as candidate for single-atom-qubit
I-23	Reina Galvez	Jose	Modulation of the tunneling barrier in an Anderson impurity Hamiltonian to study ESR-STM
I-24	Chen	Hongyan	Indirect Spin-Readout of Rare-Earth-Based Single-Molecule Magnet with Scanning Tunneling Microscopy
I-25	Briganti	Matteo	Organometallic titanium(III) QuBit on Pb(111) surface unveils the mechanism of molecular spin-superconductor interaction
I-26	Oyenyi	Gbenga	Quantum Ensembles: Strongly-Correlated Entangled Hybrid Quantum Dots

Poster Session, Day 2, 11th October

Number	Last Name	First Name	Title of presentation
II-1	Kim	Kihwan	Suppression of spin bath noise and Sub-MHz AC magnetometry with the double-dressed spin qubit in diamond
II-2	Park	Chanhu	Portable, miniaturized quantum magnetometer and educational quantum platform based on diamond NV center
II-3	Vaartjes	Arjen	In-situ amplification of spin echoes within a kinetic inductance parametric amplifier
II-4	Lee	Jaehyun	Study of VOPc/TiOPc layers on Ag (100) using X-ray absorption spectroscopy
II-5	Rojas-Arias	Juan	Nuclear spin noise in Si/SiGe spin qubits
II-6	Komeda	Tadahiro	Electron Spin Resonance Measurement of a Single Molecule Magnet Terbium Phthalocyanine (TbPc2) Adsorbed on Surface
II-7	Sessoli	Roberta	VdW Mediated Strong Magnetic Exchange Interactions in Chains of Hydrogen-Free Sublimable Molecular Qubits
II-8	Chung	Jygyeong	Quantum Widefield Microscopy for Non-Invasive Magnetic Measurements of Biomedical Applicable Samples
II-9	Park	Suhyun	Exciplex Emission and Magnetic Field Effects in Peptoid-conjugated Radical Exci-plex Systems
II-10	Shatruk	Michael	Molecular Spin Qubits Based on High-Symmetry Lanthanide Complexes
II-11	Lee	Yuhan	Nanoscale quantum sensing and imaging by scanning magnetometry based on diamond Nitrogen-Vacancy centers
II-12	Kim	Eunseo	Unveiling the presence of topological defects and electronic structure of domain walls in GdTe ₃
II-13	Bang	Junho	Charge redistribution in electron-doped 4Hb-TaS ₂
II-14	Sheina	Valeria	A study on quantum coherence of single Ti spins on ultra-thin MgO layers
II-15	Oh	Jeongmin	Long-lived spin states of Fe atomic chains on Cu ₂ N via Hamiltonian engineering
II-16	Lee	Curie	Proposal for entanglement detection of single spins on a surface using STM
II-17	Oh	Soyoung	Surface characterization of YPc2 molecular spin qubit candidate on Cu (111)
II-18	Hu	Kwangyul	Spin Wave Excitation in an Arbitrarily Oriented Magnetic Field for Magnetic Field Sensing
II-19	Borodin	Dmitriy	Characterization of static and dynamic spin properties of a molecule standing on a surface
II-20	Chen	Guan-Hao	Ultralow-defect-density molybdenum diselenide grown on Au(111) by using oxygen-free precursor
II-21	Ollier	Alexina	Construction of Optics Combined Low Temperature Scanning Tunneling Microscopy
II-22	Liu	Wei Tung	Evolution of Moiré Superlattice under Magnetic Field
II-23	Lin	Chun-Liang	Superconductivity in Plumbene-Based Superstructure
II-24	Nerreter	Svenja	Ultrafast nanoscopy of bright and dark excitons in 2D heterostructures
II-25	Gröning	Oliver	π -Magnetism in atomically precise carbon nanostructures
II-26	Erlina	Tik Man	Construction of a Low-Temperature and High-Magnetic Field Scanning Tunneling Microscope with Capability of Microwave Irradiation
II-28	Weber	Bent	Performance benchmarking of an ultra-low vibration laboratory to host a commercial millikelvin scanning tunnelling microscope
II-29	Dana	Engelgardt	Spin related properties of twisted bilayer graphene on Ni magnetic substrate