

Posters Session B / Thu, 4 Nov. 14:00 h

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| 24 | Elze Knol | Towards tunable atomic neural networks |
| 25 | Nils Krane | Probing the Renormalization of Spin Excitation Energy in Nanographenes |
| 26 | Felix Küster (online) | The Interplay between Quantum Spins and Superconductivity at the Atomic Level |
| 27 | Rian Ligthart | Artificial atoms on thin Ag layers on Si(111) |
| 28 | Benjamin Mallada | Real-space imaging of anisotropic charge of σ -hole by means of Kelvin probe force microscopy |
| 29 | Cristina Mier (online) | Spin chains in a superconductor towards topological superconductivity |
| 30 | Tomas Neuman | Mapping Lamb, Stark and Purcell effects at a chromophore-picocavity junction with hyper-resolved fluorescence microscopy |
| 31 | Ciprian Padurariu | Theory of Shiba-Shiba tunneling at the edge of a Majorana chain |
| 32 | Soo-hyon Phark | Double resonance of two-coupled $s = 1/2$ electron spins on a surface |
| 33 | Alexandra Rittmeier | Sulfur anchors as a tool for controlling molecular growth |
| 34 | Sanghita Sengupta | Hyperfine Interaction and Spin Coherence times in Graphene Nanoribbons |
| 35 | Shaoxiang Sheng | Picosecond ultrasonics studied by THz scanning tunneling microscopy |
| 36 | Rika Simon | p-Terphenyl-based thiols bound to top-layer sulphur defects on MoS ₂ /Au(111) investigated by STM |

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| 37 | Daria Sostina | Development of a compact millikelvin STM for single spin resonance |
| 38 | Fabian Stilp | Very weak bonds to artificial atoms formed by quantum corrals |
| 39 | Kirill Vasilev | Internal Stark effect of single-molecule fluorescence |
| 40 | Katerina Vaxevani | Long-lived spin excitations of a magnetic molecule on a proximitized superconductor |
| 41 | Lukas Veldman | Free coherent evolution of a coupled atomic spin system initialized by electron scattering |
| 42 | Tao Wang (online) | Synthesis and Characterization of Nitrogen-Doped Triangulene on Metal Surfaces |
| 43 | Marco Weiss | Line shape analysis of the eigenstates of an artificial atom formed by a quantum corral |
| 44 | Christoph Wolf | Open Quantum System Model of Electron-Electron Double Resonance of Engineered Atomic Structures on a Surface in an STM |
| 45 | Dominik Wrana | Energy dissipation in nc-AFM at incipient ferroelectric perovskites |
| 46 | Berk Zengin | Investigation of the Electronic Properties of 2D Materials Using Accelerated Quasiparticle Interference Mapping |
| 47 | Fabian Ziesel | Spin torque in a Josephson junction between two superconducting magnetic impurity states |