

## Poster Session II, Tuesday, 23 Jan, 20:00 h (CET)

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| Simon Koch                  | YBCO Heterostructures for SQUID-on-Si-lever  |
| Tim Kokkeler                | Spectroscopic Signature of Spin Triplet Odd-valley Superconductivity in Two-dimensional Materials  |
| Felix Lüpke                 | Engineered Topological and Correlated States in van der Waals Heterostructures   |
| Elizabeth Martín Jefremovas | Skyrmion Lattices in Magnetic Multilayers and Lateral Confinements   |
| Renjith Mathew Roy          | Magneto Optical Response of Bulk WTe <sub>2</sub>  |
| Jose Antonio Moreno         | Crossover from Isolated YSR States to Gapless Superconductivity in 2H-NbSe <sub>2-x</sub> S <sub>x</sub> at the Atomic Scale                 |
| Kitinan Pongsangangan       | Transport Properties of Charged Two-dimensional Dirac Systems in Hydrodynamic Regime: The Role of Dynamical Screening and Plasmons           |
| Gautam Rai                  | Dynamical Correlations and Order in Magic-angle Twisted Bilayer Graphene   |
| Amaia Sáenz-Hernández       | Fabrication Method for Hybrid Quantum Devices Involving Topological Insulators and Superconductors Using Focused Ion Beam Induced Deposition |
| Sandra Sajan                | Evidence for Ground State Coherence in a Two-dimensional Kondo Lattice   |
| Miguel Sánchez              | Correlated Insulators in Magic-angle Graphene at one Magnetic Flux Quantum   |

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| Marco Schönleber     | Spin-orbit Coupled States Arising in the Half-filled $t_{2g}$ Shell   |
| Mireia Tolosa Simeón | Analog Gravity in Moiré Dirac Materials   |
| Jan Ullmann          | Nb Constriction-Josephson Junction NanoSQUIDs on Cantilevers Patterned by He and Ne Focused Ion Beams   |
| Igor Vasilevskiy     | Plasmonic Response of a Nanorod in the Vicinity of a Planar Surface   |
| Manish Verma         | Tuning of the carrier localization, magnetic and thermoelectric properties in ultrathin $(\text{LaNiO}_3-\delta)_1/(\text{LaAlO}_3)_1(001)$ superlattices by oxygen vacancies |
| Maxim Wenzel         | Broadband Optical Investigations of the Antiferromagnetic Kagome Metal FeGe   |
| Setareh Zahedi Azad  | Two-step Growth of Wafer-sized NbSe <sub>2</sub> Film   |