## Poster Session II, Wednesday 21 May, 16:50

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| Konstantinos Kontogeorgiou | **Proposal for realizing Feynman's Ratchet with a Josephson Diode** |
| Yejin Lee | **Van der Waals Superconductors integrated Hybrid Microwave Resonators** |
| Pankaj Mandal | **Magnetically tunable supercurrent in dilute magnetic topological insulator based Josephson junction** |
| Max Mangold | **Josephson diode effect in the presence of interfacial spin-orbit coupling in all-metallic planar junctions** |
| Andrei Mazanik | **Interfacial spin-orbit coupling in superconducting hybrid systems** |
| Lei Meng | **Fast thermometry with SNS junctions at cryogenic temperatures** |
| Danilo Nikolić | **Quantum-Geometric Spin- and Charge Josephson Diode Effects** |
| David Christian Ohnmacht | **Multiterminal Josephson junctions: non-hermiticity, topology and reflectionless modes** |
| Banabir Pal | **Josephson diode effect from Cooper pair momentum in a topological semimetal** |
| Vladislav Pokorný | **Engineering quantum states in radical molecules on superconducting surfaces** |
| Hannes Riechert | **Coherent control of a carbon nanotube-based gatemon qubit** |
| Matthijs Rog | **Probing strongly correlated quantum systems with hybrid SQUID-on-tip imaging** |
| Leon Ruf | **Superconducting non-volatile memory based on charge trapping and gate-controlled superconductivity** |

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| Erik Samuelsen | **Andreev molecules at distance** |
| Anne Schmidt | **2D HgTe Topological Insulator Josephson Junction Integrated in Superconducting Charge Qubit Circuits Using Flip-Chip Technique** |
| Jay Schmidt | **Gate tunable superconductivity in Al/STO hybrid structures** |
| Linus Stahlberg | **$[(SnSe)_{1+\delta}]m[NbSe_2]_1$ superlattices in the 2D to 3D crossover regime of superconductivity** |
| Marcel Strohmeier | **Tunneling spectroscopy on superconducting thin films of non-centrosymmetric niobium rhenium** |
| Leandro Tosi | **Quantum circuits with multiterminal Josephson-Andeev junctions** |
| Alexander Wagner | **Resistively shunted Josephson junction in the quantum regime** |
| Christian Wiedemann | **Superconductor-altermagnet heterostructures with nonmagnetic impurities** |
| Yuxiao Wu | **Nontrivial critical phenomena in the single layer graphene proximitized by a disordered superconductor InO** |
| Junting Zhao | **Superconducting proximity effect in semiconducting nanowires with ferromagnetic-insulator barriers** |