1st SFB Q-M&S Retreat
Correlated Quantum Materials and Solid State Quatnum Systems

February 14-17, 2024, JUFA Hotel Schloss Röthelstein, Admont

Project part	Presenter	Affiliation	Talk title
P2	Chao Shen	Institute of Science and Technology Austria	Magneto-optical and nonlinear THz spectroscopy of quantum critical materials Na2Co2TeO6 and SrTiO3
P3	Fakher Assaad	Julius-Maximilians-Universität Würzburg	Progress report P3
P3	Sounak Biswas	Julius-Maximilians-Universität Würzburg	Progress report P3
P4	Neven Barišić	Technische Universität Wien	Cuprates in brief
P5	Anna Kauch	Technische Universität Wien	Two-site reduced density matrix from one- and two-particle Green's functions
P6	Silke Bühler-Paschen	Technische Universität Wien	Progress report P6
P7	Maksim Borovkov	Institute of Science and Technology Austria	Progress report P7
P7	Jaime Saez Mollejo	Institute of Science and Technology Austria	Microwave driven two-hole spin qubits in Ge
P8	Shiva Safari	Institute of Science and Technology Austria	Magnetotropic measurements and QM simulations in quantum magnets
P9	Silke Bühler-Paschen	Technische Universität Wien	Progress report P9
P10	Roman Hartmann	University of Konstanz	Status of the navigation system and new low-temperature STM setup
P10	Marcel Strohmeier	University of Konstanz	Scanning tunneling spectroscopy on non-centrosymmetric NbRe and NbRe/Co thin films
P11	Maksym Serbyn	Institute of Science and Technology Austria	Probing topology in circuits and quantum materials - P11 update
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Project part	Presenter	Affiliation	Poster title
P4	Luka Akšamović	Technische Universität Wien	High-Tc Cuprates: Conventional Probes and Quantum Devices
P5	Frederic Bippus	Technische Universität Wien	Entanglement in the Hubbard model
P5	Martin Brass (presented by Karsten Held)	Technische Universität Wien	Weyl-nodes and electronic correlations in Ce3Bi4Pd3
P8	Shiva Safari	Institute of Science and Technology Austria	The spin spiral state in BaCo2(AsO4)2
P9	Lukas Fischer	Technische Universität Wien	Synthesis of the Weyl-Kondo Semimetal Ce3Bi4Pd3
P9	Gwenvredig Le Roy	Technische Universität Wien	Developing a shot noise setup for ultra-low temperatures
P11	Lucia Vigliotti	Institute of Science and Technology Austria	Controlled photon decay in Josephson junction arrays
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