



Retreat Meeting TRR360

10.10.-11.10.2024

Schloss Hirschberg

Thursday, 10 October

11:30	Arrival + Check-In
12:00	Lunch
13:00	Opening (István Kézsmárki and Frank Pollmann)
13:10	Scientific Session Guests (Chair: Christine Kuntscher)
13:10	Maia G. Vergniory: <i>"New electronic properties with a shake"</i>
13:40	Zahid Hassan: <i>"New Frontiers in Topological Quantum Matter"</i>
14:10	Scientific Session A part 1 (Chair: Markus Heyl)
14:10	Felix Schilberth (A1): <i>"Probing electronic band topology by optical spectroscopy under extreme conditions"</i>
14:25	Franz Weidenhiller (A2): <i>"Investigation of the Magnetic Properties of the Magnetic Weyl Semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$ using SQUID and FMR"</i>
14:40	Dennis Huang (A3): <i>"Anisotropic magnetic field response of surface states in kagome magnet Fe_3Sn_2"</i>
14:55	Coffee Break
15:25	Scientific Session A part 2
15:25	Kai Litzius, Manuel Zahn (A4+C2): <i>"Control and imaging of mesoscale magnetic patterns in topological magnets"</i>
15:45	Liviu Chioncel (A5): <i>"Optics of kagome binaries (Fe-Sn) and electronic-correlation related effects"</i>
16:00	Andreas Schnyder (A6) <i>"Magnon Nodal Planes in Cu_2OSeO_3"</i>
16:15	Poster Session
18:00	Dinner
19:00	Steering Committee Meeting
19:00	Young Researchers Meeting
19:00	Poster Session continued

Friday, 11 October

8:55	Scientific Session B (Chair: Laura Classen)
8:55	Alexander Tsirlin (B1+B3): <i>"Triangular and honeycomb magnets as contenders for the spin-liquid behavior"</i>
9:15	Eva Benckiser, Matthias Hepting (B2): <i>"Spin and orbital excitations in rhodates and ruthenates"</i>
9:30	Norbert Büttgen, Hans-Albrecht Krug von Nidda (B4): <i>"Magnetic Resonance in Quantum Spin Liquid Candidates"</i>
9:45	Parisa Mokhtari (B5): <i>"Design of a thermal transport probe for tiny crystals and thermal Hall study of the chiral-lattice antiferromagnet CoNb_3S_6"</i>
10:00	Frank Pollmann (B6): <i>"Dynamics of quantum magnetism on the triangular lattice"</i>
10:15	Coffee Break
10:45	Scientific Session C (Chair: Alexander Tsirlin)
10:45	Christian Pfleiderer (C1): <i>"Quantum phase transitions in CoNb_2O_6 under transverse field"</i>
11:00	Marc Wilde (C3): <i>"Quantum oscillations of the quasiparticle lifetime"</i>
11:15	Kirill Vasin (C4): <i>"On the origin of the THz modes in $\text{Fe}_2\text{Mo}_3\text{O}_8$"</i>
11:30	Gloria Isbrandt (C5): <i>"Relaxation dynamics in anisotropic spin ice"</i>
11:45	Johannes Knolle (C6): <i>"Floquet prethermalization phenomena in driven magnets"</i>
12:00	Lunch
13:00	Non-scientific Session (Chair: Frank Pollmann)
13:00	Manuel Schleicher (Ö): <i>"Ö-project getting started"</i>
13:15	Lilian Prodan (MGK): <i>"Launching MGK: Empowering the Next Generation of Researchers"</i>
13:30	Discussions on finance, cooperations, data management, next events,.....
14:30	Coffee Break
15:00	Equity and Diversity round
16:00	End