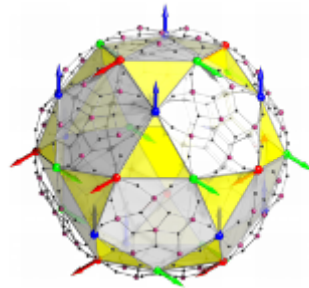


Session Program

4-7 Jun 2019



MLZ Conference: Neutrons for information and quantum technologies

Dynamics of magnetic textures: domain walls, vortices and Skyrmions

Arabella Brauneck Hotel
Münchner Str. 25 83661 Lenggries

Wednesday 5 June

16:30

Dynamics of magnetic textures: domain walls, vortices and Skyrmions: Dynamics of quantum materials

Session | **Location:** Arabella Brauneck Hotel, Münchner Str. 25 83661 Lenggries

16:30-17:00

Thermal Aspects in Quantum Materials - Phonon Lifetimes Investigated by Neutron Scattering

Speaker

Klaus Habicht

17:00-17:30

Vortex Matter Beyond SANS: From Superconductivity to Skyrmions

Speaker

Sebastian Muehlbauer

18:30

Thursday 6 June

08:30

Dynamics of magnetic textures: domain walls, vortices and Skyrmions: Dynamics of magnetic textures

Session | **Location:** Arabella Brauneck Hotel, Münchner Str. 25 83661 Lenggries

08:30–09:30 **Energetics of skyrmions in chiral magnets**

Speaker

Christian Pfeleiderer

09:30–10:30

Magnetic Skyrmions - Novel spin textures for spintronics functionalities

Speaker

Stefan Bluegel

10:30–11:00

Polarization Analysis of the Non-Reciprocal Skyrmion Dynamics in MnSi

Speaker

Dr Tobias Weber

11:00