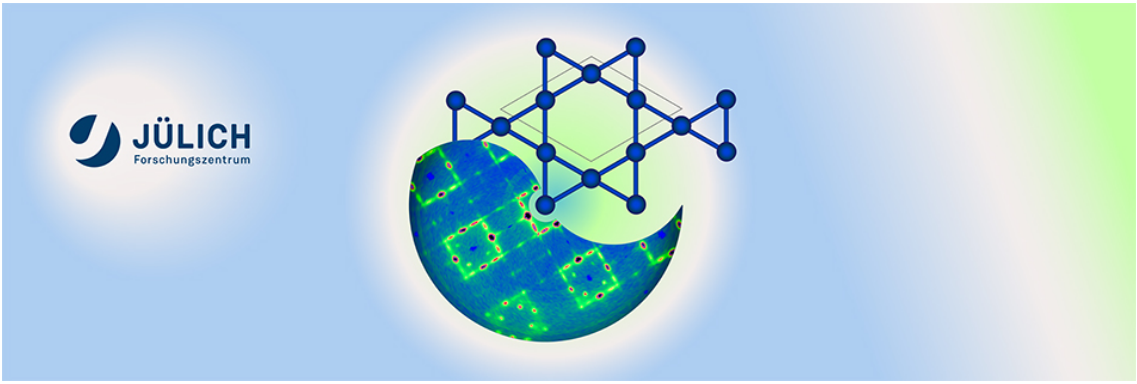
Programm der Sitzung

7.–9. Okt. 2025



JCNS Workshop 2025, Trends and Perspectives in Neutron Scattering. Quantum Materials: Theory and Experiments

Topological magnetism and magnons

Evangelische Akademie Tutzing
Schloßstraße 2+4, 82327 Tutzing, Germany

Mi., 8. Oktober

13:30

Topological magnetism and magnons

Sitzung | **Ort:** Evangelische Akademie Tutzing, Schloßstraße 2+4, 82327 Tutzing, Germany

13:30–14:00 Uhr

Low-Energy Phason Excitations in the Skyrmion Lattice of MnSi Probed by Neutron Spin Echo

Sprecher
Prof. Hazuki Furukawa

14:00–14:30 Uhr

Topological magnons driven by the Dzyaloshinskii-Moriya interaction in the centrosymmetric ferromagnet Mn5Ge3

Sprecher
Manuel dos Santos Dias

14:30–14:45 Uhr

Unconventional non-collinear magnetism in topological kagome metals

Sprecher
Yixi Su

14:45–15:00 Uhr

Magnetic interactions in Nd2PdSi3 and the formation of skyrmion phases in centrosymmetric metals

Sprecher
Viviane Peçanha-Antonio

15:00

15:45

Topological magnetism and magnons

Sitzung | **Ort:** Evangelische Akademie Tutzing, Schloßstraße 2+4, 82327 Tutzing, Germany

15:45–16:00 Uhr

Kondo coupling-driven topological phase transition in the Weyl semimetal candidate CeAlGe

Sprecher
Soohyeon Shin

16:00–16:15 Uhr

Quantum skyrmions and antiskyrmions in monoaxial chiral magnets

Sprecher
Štefan Liščák

16:15