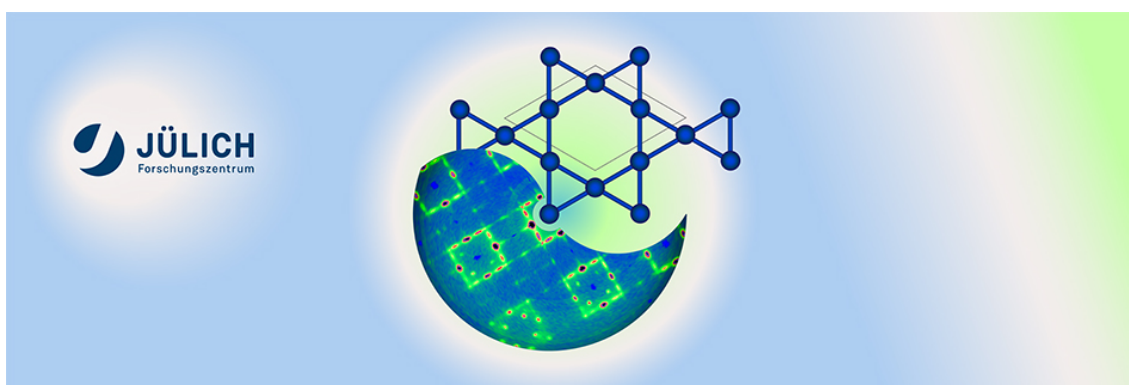


Programm der Sitzung

7.-9. Okt. 2025



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

Frustrated spin systems

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

Mi., 8. Oktober

08:30

Frustrated spin systems

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

08:30–09:00 Uhr **Unconventional orderings in pyrochlore ruthenates**

Sprecher

Elsa Lhotel

09:00–09:30 Uhr **Ruthenium-Chlorine hybridization in α - RuCl_3**

Sprecher

Young-June Kim

09:30–09:45 Uhr **Frustrated antiferromagnetism in a Kagome metal**

Sprecher

Wei Bao

09:45–10:00 Uhr

Spin-liquid dynamics over multiple resolutions and dynamic ranges measured via time-of-flight neutron spectroscopy

Sprecher

Ross Stewart

10:00

10:30

Frustrated spin systems

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

10:30–11:00 Uhr

Nodal line spin liquid and fluctuation stabilized order on the face centered cubic antiferromagnet K_2IrCl_6

Sprecher

Kemp Plumb

11:00–11:15 Uhr **Transition metal carbodiimides – A new playground for solid-state physics?**

Sprecher

Alexander Corkett

11:15–11:30 Uhr

Coupled charge, orbital, and spin degrees of freedom in geometrically frustrated YFe_2O_4

Sprecher

Manuel Angst

11:30–11:45 Uhr **Magnetism of a frustrated triangular lattice antiferromagnet**

Sprecher

Michal Stekiel

11:45–12:00 Uhr **Magnetic neutron scattering of i-Tb-Cd quasicrystals**

12:00
13:15
13:30

Sprecher

Andreas KREYSSIG

Frustrated spin systems

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

13:15–13:30 Uhr

Intrinsic disorder in the candidate quantum spin ice Pr₂Zr₂O₇

Sprecher

Thomas Hicken