

## Session Program

Sep 16 – 18, 2024



## Deutsche Neutronenstreutagung

### ***Session 3: Magnetism and Superconductivity (Chairs: Bella Lake & Lukas Beddrich)***

RWTH Aachen, Hörsaalgebäude PPS

Professor Pirllet Str. 12 52074 Aachen The Postersession and Social Evening on the 17th of September will take place in the Forum M (Mayer'sche Buchhandlung), Buchkremerstraße 1-7, 52062 Aachen.

## Tue, September 17

10:30 AM

### Session 3: Magnetism and Superconductivity (Chairs: Bella Lake & Lukas Beddrich)

Session | Location: PPS-1

10:30 – 10:50 AM

#### Magnetic Morphology and Exchange-Coupling in Cobalt-Doped Iron Oxide Core-Shell Nanoparticles

10:50 – 11:10 AM

#### Going to Extraordinary Lengths in Superconducting Vortex Matter

**Speaker**

Xaver Simon Brems

11:10 – 11:30 AM

#### Magnetic order in the topological Kagome metals $\text{RMn}_6\text{Sn}_6$ (R= Dy, Gd, Yb)

11:30 – 11:50 AM

#### Distorting an antiferromagnetic kagome lattice: Magnetism of single-crystalline clinoatacamite

**Speaker**

Leonie Heinze

11:50 AM – 12:10 PM

#### Neutron scattering fingerprint of vortexlike flux closure in nanostructures

**Speaker**

Prof. Andreas Michels

12:10 PM