

## Session Program

Sep 16 – 18, 2024



## Deutsche Neutronenstreutagung

### ***Session 2: Condensed Matter (Chairs: Werner Paulus, Holger Kohlmann & Simon Steinberg)***

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.

# Mon, September 16

3:00 PM

## Session 2: Condensed Matter (Chairs: Werner Paulus, Holger Kohlmann & Simon Steinberg)

Session | Location: PPS-2

3:00 – 3:20 PM

### Dynamics of citrate ligands and water molecules on the surface of iron oxide nanoparticles: a QENS study

**Speaker**

Maksim Plekhanov

3:20 – 3:40 PM

### Tuning the physical properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_{(3-\delta)}$ via oxygen off-stoichiometry using assisted thermal vacuum annealing

**Speaker**

Mr Chenyang Yin

3:40 – 4:00 PM

### Monoclinic symmetry of the hcp-type ordered areas in bulk cobalt

**Speaker**

Piotr Fabrykiewicz

4:00 – 4:20 PM

### Understanding the impact of cooperativity on barocaloric properties in spin crossover complexes with spectroscopic methods

**Speaker**

Ji Qi

4:20 – 4:40 PM

### $\text{Pb}_{12}\text{O}_{19}$ - ML-DFT-PDF crystal structure analysis from combined neutron and synchrotron total scattering data.

**Speaker**

Thorsten Gesing

4:40 PM