

## **Session Program**

**10-11 Dec 2019**



# **MLZ User Meeting 2019**

## **Structure Research**

Marriott, Marriott Conference room - Munich  
Berliner Str. 93 80805 München Germany

# Tuesday 10 December

13:00

## Structure Research: Structure Research I

**Session** | **Location:** Marriott, Marriott Conference room - Munich, Berliner Str. 93 80805 München Germany

13:00–13:30

### Overview of the existing diffraction capabilities at MLZ and future prospects

#### Speakers

Anatoliy Senyshyn, Martin Meven

13:30–14:00

### Ligand Protonation and Changes of the Water Inventory Determined by High-Resolution Neutron Structures upon Trypsin Complex Formation

#### Speaker

Prof. Andreas Heine

14:00–14:30

### Our crystal structure investigations using SPODI

#### Speaker

Florian Kraus

14:30

15:00

## Structure Research: Structure Research II

**Session** | **Location:** Marriott, Marriott Conference room - Munich, Berliner Str. 93 80805 München Germany

15:00–15:30

### How neutron diffraction helps to understand ionic conduction in solids

#### Speaker

Dr Wolfgang Zeier

15:30–15:50

### Time- and space information of proton dynamics in hydrogen bond networks in $\text{Fe}_2+\text{Fe}_3+3.2(\text{Mn}^{2+},\text{Zn})_0.8(\text{PO}_4)_3(\text{OH})_4.2(\text{HOH})_0.8$

#### Speaker

Sohyun Park

15:50–16:10

### Polarized neutron diffraction studies on weak ferromagnets at instrument POLI at MLZ

#### Speaker

Henrik Thoma

16:10–16:30

### Realization of kagome spin ice state in an intermetallic compound

#### Speaker

Hao Deng

16:30

17:00

## Structure Research: Structure Research III

**Session** | **Location:** Marriott, Marriott Conference room - Munich, Berliner Str. 93 80805 München Germany

17:00–17:30

### On the Dzyaloshinsky-Moria interaction in $\text{RMn}_2\text{O}_5$ multiferroics

**Speaker**

Dr Igor Zobkalo

17:30–17:50

**Combined X-ray and neutron single-crystal diffraction in diamond anvil cells**

**Speaker**

Andrzej Grzechnik

17:50–18:00

**Summary**

18:00