

## **Session Program**

**8-10 Dec 2020**



# **MLZ User Meeting & German Neutron Scattering Conference 2020**

## **DN2020: Materials**

Online event

# Thursday 10 December

15:30

## DN2020: Materials: Part 1/1

Session | Location: Online event | Convener: Andreas Meyer

15:30-15:45

### Structure-dynamics relation in Zr-Ti melts

**Speaker**

Fan Yang

15:45-16:00

### Dynamics of porous and amorphous magnesium borohydride to understand solid state Mg-ion-conductors

**Speaker**

Wiebke Lohstroh

16:00-16:15

### Phonon renormalization explained by electron-momentum dependent electron-phonon coupling

**Speaker**

Frank Weber

16:15-16:30

### Targeted use of residual stresses in electric sheet to increase energy efficiency

**Speaker**

Tobias Neuwirth

16:30-16:45

### Revealing Anion Order in Holmium Hydride Oxide HoHO by Neutron Diffraction

**Speaker**

Nicolas Zapp

16:45-17:00

### Polymorphic phase transition in liquid and supercritical carbon dioxide

**Speaker**

Dr Vitaliy Pipich

17:00