

MLZ User Meeting & German Neutron Scattering Conference 2020



Tuesday 8 December 2020 - Thursday 10 December 2020

Online event

Scientific Programme

The first two days are dedicated to the MLZ User Meeting while the poster session on the second day will be a common one. On the third day, plenary talks and session talks of the DN2020 are held.

Please note the abbreviations "UM" and "DN" for the respective event.

UM: Materials Science

The session of the Materials Science Group will cover typical topics like metals, alloys, batteries, fuel cells, cultural heritage, and engineering as studied using neutron scattering and/ or positrons. Contributions from fundamental research in materials science up to industry related applications are welcome.

UM: Neutron Methods

UM: Nuclear, Particle, and Astrophysics

UM: Quantum Phenomena

UM: Soft Matter

Structure, Dynamics and Function in Soft Matter

One of the major goals of soft matter research is a thorough understanding of the connection between structural and dynamic properties of soft matter to the function of a material. May this be in industrially motivated systems that shall be tailored to a very specific product or in biology, where the living system needs to be understood in much more detail. Neutron scattering is the ultimate tool for these investigations that provide essential insight to this understanding.

UM: Structure Research

UM: Plenary

This track is dedicated to the MLZ User Meeting plenary talks on Wednesday morning.

DN: Digitalization and Machine Learning

DN: Heritage Science

DN: Instrumentation

DN: Life Science/ Biology

DN: Magnetism

DN: Materials

DN: Nuclear/ Particle Physics

DN: Soft Matter

DN: Plenary talks

This track is dedicated to the DN2020 plenary talks on Thursday.