

MLZ Conference
Heinz Maier-Leibnitz Zentrum

Neutrons for Mobility

May 31st - June 3rd, 2022, Arabella Brauneck Hotel, Lenggries, Germany

Mobility is a fundamental ingredient of our present society. While it shapes our lives at the global and local scales, it also is responsible for about a quarter of the overall CO₂ emissions. The mobility sector is actually the fastest growing source of global emissions. Improving the efficiency of energy use in transportation is thus an essential part of the present fight against the climate crisis.

This MLZ Conference aims to bring the very heterogeneous community of researchers working in those fields in contact with experts of the scattering community and to foster cross-disciplinary discussions. The main focus of the conference is on neutron methods, but complementary techniques will be covered as well.

Find detailed information on our website:



<https://indico.frm2.tum.de/event/306/>

TOPICS

- **batteries and fuel cells**
- **electrodes, membranes**
- **light structural materials**
- **synthetic fuels**
- **CO₂/pollutant capture**
- **chemical aspects, kinetics, phase transformations**
- **hydrogen: production, storage, conversion into power**
- **high-temperature materials**

MLZ is a cooperation between:

