

## **Materials science studies at the neutron source FRM II of Heinz Maier-Leibnitz Zentrum (MLZ)**

*Friday 25 April 2025 09:05 (35 minutes)*

This talk gives an overview of the possibilities for material science investigations at the neutron source FRM II of the Heinz Maier-Leibnitz Zentrum (MLZ). In addition to an introduction to the FRM II reactor, examples of material science experiments performed at various neutron instruments are presented. Topics such as alloys, motors, batteries, computer chips, silicon doping and gas pipelines are introduced. Finally, some comments on beam time applications and industrial activities are given.

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