



GEMS
German Engineering Materials Science Centre

**Helmholtz-Zentrum
Geesthacht**
Centre for Materials and Coastal Research

MLZ
Heinz Maier-Leibnitz Zentrum

The German Engineering Materials Science Centre (GEMS) of the Helmholtz-Zentrum Geesthacht (HZG) is part of the Heinz Maier-Leibnitz Zentrum (MLZ) at the neutron source FRM II. Within MLZ, HZG cooperates with the Technical University of Munich and the Jülich Research Centre.

- GEMS is a major point of access for users in scientific and applied engineering materials
- Worldwide unique infrastructure for complementary research with photons and neutrons in this field
- Three instruments operating at FRM II:
 - STRESS-SPEC diffractometer to measure the mechanical stresses and texture properties of materials
 - SANS-1 for small-angle scattering studies of nanostructures
 - REFSANS reflectometer for characterisation of surfaces and interfaces

gems.hzg.de

mlz-garching.de

<http://sine2020.eu>

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