



 **Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

GEMS
German Engineering Materials Science Centre

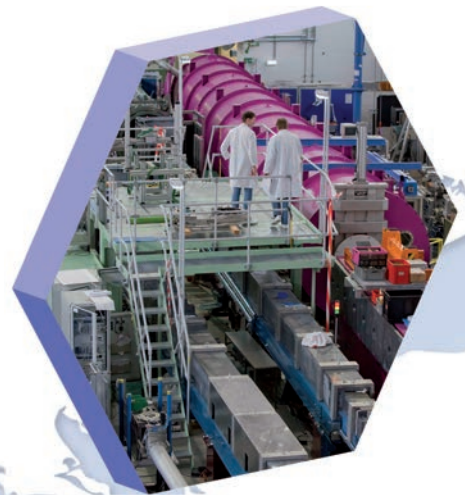
MLZ
Heinz Maier-Leibnitz Zentrum



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

- GEMS is the new 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 operating instruments at FRM II:
 - the STRESS-SPEC diffractometer measures the mechanical stresses and texture properties of materials
 - SANS-1 is dedicated to small-angle scattering studies of nanostructures
 - the REFSANS reflectometer is specialised in the characterisation of surfaces and interfaces

Further information at gems.hzg.de and mlz-garching.de



www.nmi3.eu

NMI3, the Integrated Infrastructure Initiative for Neutron scattering and Muon spectroscopy, supports access to 8 facilities in Europe through its Access Programme. NMI3 is supported by the European Commission under the 7th Framework Programme through the 'Research Infrastructures' action of the 'Capacities' Programme, NMI3/FP7-II Grant no. 283883 | Photos credits: 1. HZG 2. Wenzel Schürmann / TUM / 3. HZG