

GEMS: Research with Photons and Neutrons

- competence and infrastructure for complementary research **with photons and neutrons** in **engineering materials science**
- development and (user) operation of own (Hereon) beamlines
- **worldwide unique** sample environments for *in situ* studies of engineering processes
- engineering-specific user support
- sample preparation and characterisation labs (**GEMS building at DESY; MLZ**)
- contact: martin.mueller@hereon.de



Photons at DESY



PETRA III

Neutrons at MLZ



FRM II

