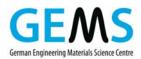


Centre for Materials and Coastal Research



Satellite Meeting to the DESY Photon Science Users' Meeting 2013

"The German Engineering Materials Science Centre (GEMS): Status and perspectives of the Helmholtz-Zentrum Geesthacht Outstation at DESY"

DESY, Building 25b, 109

- 14:00 Andreas Schreyer (HZG) Welcome
- 14:10 Martin Müller (HZG) Introduction to GEMS
- 14:30 Frank Witte (Medizinische Hochschule Hannover) SR μCT for Imaging Implants in Bone
- 14:50 Pere Barriobero Vila (TU Vienna)
 Decomposition of the α"/β duplex phase microstructure during continuous heating of a near-β Ti-alloy
- 15:10 Andreas Stark (HZG) In-situ studies during thermo-mechanical processing of γ-TiAl alloys
- 15:30 Coffee break
- 15:45 Christian Hartig (TU Hamburg-Harburg) Texture measurements of nanoporous gold
- 16:05 Lina Rogström (Linköping University) Material science of coatings for cutting tools by use of in-situ high energy x-ray scattering
- 16:25 Jens Gibmeier (KIT) Real time monitoring of short time heat treatment processes using diffraction methods
- 16:45 Christina Krywka (CAU Kiel) Nanodiffraction at MINAXS and applications in materials science
- 17:05 Discussion: User requirements for GEMS