

## EDDI workshop

14<sup>th</sup> of December, 2017 in the Bessy Lecture Hall, Albert-Einstein-Straße 15, 12489 Berlin

### Programme

- 9:00      *14 years EDDI – looking back and forward*  
Christoph Genzel, Manuela Klaus & Francisco Garcia-Moreno, Helmholtz-Zentrum Berlin
- 9:30      *Exciting possibilities, Decisive support, Distinct methods, Intense weeks for materials research on steels – thanks to **EDDI***  
Karen Pantleon, Technical University of Denmark
- 10:00     *Best of BAM @ EDDI - Application of EDXRD in Welding Research*  
Arne Kromm, Bundesanstalt für Materialforschung und –prüfung
- 10:30     *Coffee Break*
- 11:00     *In-depth distribution of stresses measured by multi-reflection and multi-wavelength X-ray diffraction methods*  
Andrzej Baczmanski, University of Science Krakow
- 11:30     *Stresses and Stress Gradients in Thin Films*  
Jozef Keckes, Montanuniversität Leoben
- 12:00     *Investigations performed at EDDI about the deformation mechanisms in hexagonal Mg alloys*  
Jonas Schmidt & Walter Reimers, Technische Universität Berlin
- 12:30     *Lunch Break*
- 13:30     *White beam Laue diffraction of polycrystalline materials using 3D energy dispersive detector (pnCCD)*  
Ali Abboud & Ullrich Pietsch, Universität Siegen
- 14:00     *Operando Analysis of Lithium Sulfur Cells with white Beam Tomography and Energy Dispersive X-Ray Diffraction*  
Sebastian Risse, Helmholtz Zentrum Berlin
- 14:30     *Real time observation of ageing mechanisms of high temperature alloys by EDXRD*  
Christiane Stephan-Scherb, Bundesanstalt für Materialforschung und –prüfung
- 15:00     *Coffee Break*
- 15:30     *Investigating the microstructure evolution of chalcopyrite thin film absorbers by in-situ XRD and XRF*  
Helena Stange, Technische Universität Berlin
- 16:00     *The X-Ray Core Lab @ HZB: Hard X-Rays for user service & scientific collaborations*  
Tobias Scherb, Manuela Klaus, Helmholtz Zentrum Berlin
- 16:30     *Discussion, MetalJet Lab Visit*
- 18:00 -    *User Meeting: Poster Session & Buffet*