

Treffen der BMBF-Verbundforschungsprojekte bei FLASH und PETRA III.

Postersession – DESY Hamburg, Hörsaalfoyer (Gebäude 5)

- 1. Hard X-Ray Scanning Microscopy**
Jens Patommel (TU Dresden)
- 2. Coherent Diffraction Imaging with a Focused Nano X-Ray Beam**
A. Schropp, P. Boye, J. Feldkamp, J. Patommel, A. Schwab, S. Stephan, M. Burghammer, S. Schöder, C. Riekkel, C. G. Schroer (TU Dresden)
- 3. Hard X-Ray Nanoprobe at the Petra III Beamline P06**
J.M.Feldkamp, C.G.Schroer, J.Patommel, P.Boye, S.Stephan, A.Schwab, A.Schropp (TU Dresden)
- 4. Ionbeam transport and diagnostics for PIPE**
Ticia Ricsóka, Sándor Ricz, Stefan Schippers, Alfred Müller (Uni Giessen)
- 5. Nanofocusing Refractive X-Ray Lenses**
Pit Boye, Jan Feldkamp, Jens Patommel, Andreas Schwab, Sandra Stephan, Andreas Schropp, Christian G Schroer, Manfred Burghammer, Christian Riekkel (TU Dresden)
- 6. New liquid-liquid electrochemical cell for PETRA III**
A. Elsen, B. Murphy, J. Stettner, M. Greve, L. Tamam, I. Kuzmenko, B. M. Ocko, M. Deutsch, O.M. Magnussen (Uni Kiel)
- 7. A Liquid Diffractometer for PETRA III**
Matthias Greve, Bridget Murphy, Oliver Seeck, Jochim Stettner and Olaf Magnussen (Uni Kiel)
- 8. Measuring elastic strain of individual grains in polycrystalline materials**
Jette Oddershede, Søren Schmidt, Henning Friis Poulsen and Walter Reimers (Risø DTU, TU Berlin)
- 9. Höchstauflösende XUV-Photoelektronenspektroskopie für In-situ-Echtzeit-Untersuchungen dynamischer Prozesse in Nanostrukturen**
H. Bentmann, F. Forster, F. Reinert, M. Källäne, K. Roßnagel, T. Riedel, L. Kipp (Uni Würzburg, Uni Kiel)
- 10. Nanofocus beamline at Petra III**
Christina Krywka, Martin Müller, Stephan Roth (Uni Kiel, DESY)
- 11. Development of μ GISAXS at the μ SAXS/WAXS instrument at PETRA III**
V. Körstgens, J. Wiedersich, S.V. Roth, P. Müller-Buschbaum (Uni München)
- 12. Direct study of electron tunnelling by Doppler electron-spectroscopy**
R. Hentges, A. Reinköster, M. Braune, S. Korica, B. Langer, O. Kugeler, U. Hergenbahn and U.Becker (FHI Berlin)
- 13. Optical synchronization system for FLASH with femtosecond precision**
Axel Winter et al. (Uni Hamburg)
- 14. Electron emission from free nanoparticles excited by femtosecond laser and free electron laser radiation**
B. Langer, R. Lewinski, A. Wirsing, E. Antonsson, J. Plenge, U. Becker, E. Rühl (FU Berlin)
- 15. Hard X-ray Photoelectron Spectroscopy (HAXPES) for Materials Science**
R. Claessen, W. Drube, G. Fecher, C. Felser, A. Hloskovsky, S. Thiess, G. Berner (Uni Würzburg)
- 16. Designing the nanostructure of the organic polymer – metal interface**
S.V. Roth, G. Herzog, R. Röhlsberger, S. Couet, K. Schlage, A. Rothkirch, A. Timmann, R. Döhrmann, N. Reimers, H. Graafsma, M. Lohmann, D. Bischoff,, G. Kaune, M. Ruderer, W. Wang, M. M. Abul-Kashem, E. Metwalli, P. Müller-Buschbaum, R. Gehrke (DESY)
- 17. The High Resolution Diffraction Beamline BL8 at PETRA III**
Oliver Seeck (HASYLAB am DESY)
- 18. The Resonant Scattering and Diffraction Beamline at Petra III**
J. Stempfer, D. Samberg, A. Gade (HASYLAB am DESY)
- 19. The μ SAXS/WAXS-Beamline at PETRA III**
S.V. Roth, R. Döhrmann, P. Grögor, R. Gehrke, U. Hahn, H. Schulte-Schrepping, M. Lohmann, H. Graafsma, H. Franz, R. Röhlsberger and E. Weckert (HASYLAB am DESY)
- 20. An XUV Diagnosis Tool for PETRA III**
F. Scholz, M. Wellhöfer, J. Viefhaus (HASYLAB am DESY)
- 21. Status of the Variable Polarization XUV Beamline**
F. Scholz, M. Wellhöfer, J. Viefhaus (HASYLAB am DESY)
- 22. Understanding Polymer Materials Fatigue By Monitoring of Mechanical Tests**
U. Nöchel, N. Stribeck (Uni Hamburg)
- 23. Scanning-Microbeam X-ray Scattering of Fibers and Their Analysis by Tomography**
N. Stribeck, U. Nöchel (Uni Hamburg)
- 24. The Beamsplitter on PG2 at FLASH - Progress in Alignment and Proof of Concept**
F. Sorgenfrei, T. Beeck, M. Beye, A. Föhlisch, S. Gieschen, H. Meyer, M. Nagasono, W. Schlotter and W. Wurth (Uni Hamburg)
- 25. The HRPD Beamline P02.1 at Petra III - Basic Concept and Expected Performance**
T. Vad, H. Ehrenberg, A. Berghäuser, D. Trots, M. Hinterstein, and J. Eckert
- 26. Towards Single Shot Photoemission with FLASH**
A. Pietzsch, A. Föhlisch, M. Beye, M. Deppe, F. Hennies, M. Nagasono, E. Suljoti, W. Wurth (Uni Hamburg)
- 27. Experiments With Fs Soft X-Ray FEL Pulses**
Rolf Mitzner, Björn Siemer, Sebastian Røling, Marco Rutkowski, A. Sorokin, M. Richter, M. Neeb, T. Noll, P. Juranic, K. Tiedtke, J. Feldhaus, W. Eberhardt and H. Zacharias (Uni Münster)
- 28. Status of the Coherence Beamline at PETRA III**
Olaf Leupold, Martin Dommach, Gerhard Gröbel, Alexander Bartmann, Hermann Franz and the PETRA III project team (HASYLAB am DESY)
- 29. The Dynamics Beamline at PETRA III**
Wolfgang Caliebe, Frank-Uwe Dill, Hermann Franz, Ralf Röhlsberger (HASYLAB am DESY)
- 30. UHV Diffraktometer for resonant soft X-ray scattering at PETRA III**
Christian Schüßler-Langeheine (Uni Köln)