

“Informationstreffen über derzeitige und zukünftige Forschungsmöglichkeiten für harte und weiche Röntgenstrahlung bei DESY“

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The purpose of this half-day information meeting was to inform scientists from Hamburg university working in the field of life sciences about present and future research possibilities using photons of different energies at DESY. The meeting was held on July 1st 2005 at HASYLAB and attended by about 20 participants.

After a welcome by Jochen Schneider, the PETRA III project and future research possibilities at DESY with highly brilliant X-rays from storage rings were presented by Edgar Weckert. In his following presentation Matthias Wilmans (EMBL, Hamburg) elaborated on present and future research possibilities especially in structural biology provided by the EMBL outstation. Markus Perbandt (University Hamburg) presented the activities of the Hamburg university structural biology research unit located at the DESY site. The next talk given by Josef Feldhaus gave an overview about the possibilities at the VUV-FEL user facility focusing on experiments exploiting ultra-short time scales in the VUV energy range. The final talk given by Jochen Schneider focused on the unique features of the European XFEL which will enable to probe both extremely short time scales and atomic resolution at the same time.

The meeting closed with a fruitful discussion about possible future collaborations. Further meetings to discuss more detailed plans have been scheduled for December 2005.