

Workshop Programme

Thursday, 15.11.2007

- 13:30 – 14:30 Arrival and Registration at research reactor FRM-II
- 14:45 – 17:30 Visit to the reactor FRM-II and experimental halls (! remember identity document !)
- 18:30 Joint Dinner at a restaurant at Gasthof Neuwirt (at own expenses)

Friday, 16.11.2007

Session I: Instrument characteristics and possibilities for different sample environments

- 08:30 – 08:35 *Welcome and Introduction*
- 08:35 – 09:00 *Andreas Houben / Jens Walter: Concept and possibilities for applications at the new High-Intensity Diffractometer at FRM-II*
- 09:00 – 09:20 *Kurt Walther: New neutron guides for the strain and texture diffractometers Epsilon and SKAT at the pulsed reactor IBR-2 in Dubna (Russia)*
- 09:20 – 09:35 *Klaus Ullemeyer: Upgrading of SKAT texture diffractometer at Dubna*
- 09:35 – 09:50 *Ulf Garbe: Applications and future developments at the STRESS-SPEC Diffractometer*
- 09:50 – 10:20 *Juan Rodriguez-Carvajal: Future perspectives and Applications in Neutron Diffraction at ILL*
- 10:20 – 10:45 Coffee break

Session II: Applications and sample environments for TOF-Diffractometer at FRM-II

- 10:45 – 11:05 *Michael Stipp: Deformation experiments in the neutron beam*
- 11:05 – 11:25 *Wolfgang Schmahl: Complex materials under uniaxial stress - TOF compared to CW techniques*
- 11:25 – 11:45 *Michele Zucali: Needs for texture analysis as a tool for field geology*
- 11:45 – 11:55 *Jens Walter: Overview of needs for sample environments in texture analysis at FRM-II*
- 11:55 – 12:30 *Discussion about complementary instrument designs and applications*
- 12:30 – 14:00 Lunch

Session III: Applications and sample environments for TOF-Diffractometer at FRM-II (cont.)

- 14:00 – 14:15 *Hans Boysen: Powder diffraction at SPODI and complementary needs at FRM-II*
- 14:15 – 14:35 *Burkhard Schillinger: Possibilities for radiography applications at the new TOF diffractometer at FRM-II*
- 14:35 – 14:50 *Jens K. Becker: Unsolved problems of rocks containing melt*
- 14:50 – 15:00 *Werner F. Kuhs: Requirements for time-resolved experiments*
- 15:00 – 15:10 *Jens Walter: Overview of needs in powder diffraction in geoscience at FRM-II*
- 15:10 – 15:30 *Leonid Dubrovinsky: Large-scale facilities for neutron powder diffraction at high pressure*
- 15:30 – 16:00 *Discussion about complementary instrument designs and applications*
- 16:00 Coffee break
- 16:15 Departure from FRM-II