

Disordered Materials in Synchrotron and XFEL X-ray light.

IX. Research Course on New X-ray Sciences February 17-19, 2010 at DESY, Hamburg

Seminar Room Bldg. 28c (FLASH-hall), upper floor

Program

Wednesday, Feb 17, 2010

9:00	Welcome to DESY	E. Weckert	DESY
9:15	Introduction - Organization	C. Gutt	DESY

Day 1 Introduction

09:30-10:45 G. Ruocco (Rome, Italy) "Introduction"
10:45-11:00 *Coffee break*
11:00-12:15 R. Röhlberger (DESY, Germany) "Synchrotron sources"
12:15-14:15 *Lunch break*
14:15-15:30 L. Cipelletti (Montpellier, France) "Dynamical heterogeneity
in the glass and jamming transitions of soft systems"
15:30-16:00 *Coffee break*
16:00-17:15 R. Treusch (DESY, Germany) "XFEL sources"

17:15 End of Session

17:45 Poster Session with Refreshments at the HASYLAB Foyer

Thursday, Feb 18, 2010

Day 2

- 09:00-10:15** P. Wochner (MPI Stuttgart, Germany) „X-ray cross correlation“
- 10:15-10:45** *Coffee break*
- 10:45-12:00** D.K. Saldin (Wisconsin, USA) “Crystallography without crystals: breaking the crystallization paradigm”
- 12:00-14:00** *Lunch break*
- 14:00-15:15** J. Roth (Univ. Stuttgart, Germany) “Challenges and results from simulations”
- 15:15-16:30** A. Nilsson (SLAC, USA) “X-ray spectroscopy and scattering studies of water”
- 16:30-17:00** *Coffee break*
- 17:00-18:15** G. Monaco (ESRF, France) “Inelastic X-ray scattering of liquids and glasses”
- 18:15** Visit FLASH and PETRA III facilities
- 19:30** Dinner (DESY Bistro)

Friday, Feb 19, 2010

Day 3

- 09:00-10:15** O. Shpyrko (UCSD San Diego, USA) “Surfaces of disordered materials”
- 10:15-10:30** *Coffee break*
- 10:30-11:15** H. Franz (DESY, Germany) “Glasses in the light of X-rays”
- 11:15-11:30** C. Gutt (DESY, Germany) “Summary”
- 11:30** End of the Meeting