



About EuroFEL

EuroFEL is part of the ESFRI Roadmap 2008. The preparatory phase of EuroFEL (IRUVX-PP) prepares the establishment of the EuroFEL Consortium, which is a distributed Free Electron Laser facility that is going to link complementary national FEL facilities into a unique European Research Infrastructure. IRUVX-PP is funded by the European Commission under FP7.

Deadline for registration

31 May 2010

Venue

Deutsches Elektronen-Synchrotron
DESY
FLASH Seminar Room (building 28c)
Notkestr. 85
22607 Hamburg, Germany

The workshop focuses on optimised concepts for the photon beam transport of femtosecond laser-like radiation of short-wavelength FELs. This includes the metrology of optical components and advanced diagnostics for the determination of photon beam properties.

The following main topics will be addressed:

- Multilayer optics for micro focusing and as bandpass filters
- X-ray optics – fabrication and metrology
- Coherence preservation and wave front measurements
- UV- and X-ray optics challenges for ultra short/ultra intense pulses
- Photon diagnostics for FEL sources.

Programme committee

Daniele Cocco (ELETTRA, Italy), Uwe Flechsig (PSI, Switzerland), Ulf Johansson (MAXLAB, Sweden), Mark Roper (STFC, U.K.), Volker Schlott (PSI, Switzerland), Frank Siewert (HZB/BESSYII, Germany), Ryszard Sobierajski (IFPAN, Poland), Kai Tiedtke (DESY, Germany), Marco Zangrando (ELETTRA, Italy)

Local organising team

Christopher Gerth, Hannah Gerth, Monika Illenseer, Barbara Keitel, Kai Tiedtke

For further information please visit the workshop website:
<http://photondiag2010.eurofel.eu/>

Partners of IRUVX-PP – the preparatory phase of EuroFEL

