

Dear colleagues,

Herewith I would like to draw your attention to a satellite workshop of the DESY Photon Science User Meeting entitled

“Nanoscience at large scale facilities: discussion of the DESY Nanolab”,

taking place on Thursday, 24th of January 2013 at DESY.

DESY provides outstanding photon science facilities for the investigation of the structure and dynamics of matter at the nanoscale. To establish an excellent environment for users working in the field of nanoscience, DESY plans to set up an on-site facility for methods, which are complementary to the advanced x-ray techniques available at DESY (DESY Nanolab). The aim of the DESY Nanolab is to fully exploit the synergies between advanced x-ray techniques at large scale facilities and the enormous capabilities of state-of-the-art nanoscience laboratory instrumentation. The DESY Nanolab is planned as a user facility providing access to advanced nano-characterization, nano-structuring and nano-synthesis techniques, in combination with approved beamtimes at one of the DESY photon sources (PETRA III, FLASH). It is for instance envisaged to identify individual nanoobjects with techniques in the Nanolab, which can be later characterized at one of the beamline end stations. X-FEL users may have access at a later stage, depending on negotiations between DESY and the X-FEL GmbH.

The workshop will be composed of an introductory talk and short contributed talks (15 min), during which you can present examples of related research or scientific cases, which require specific instrumentation to be integrated into the DESY Nanolab. Ample time for discussion will be given.

Further information on registration and program will be soon available under:

<https://indico.desy.de/conferenceDisplay.py?confId=6906>

Best regards

Andreas Stierle