

Inauguration of the Hard X-ray Micro/Nano-Probe Beamline P06 at PETRA III

The P06 team and PETRA III and the TU Dresden group of Prof. Schroer is proud to invite you to the inauguration of the Hard X-ray Micro/Nano-Probe beamline P06 on

Th., January 27th, 2011, 4 - 7 p.m.

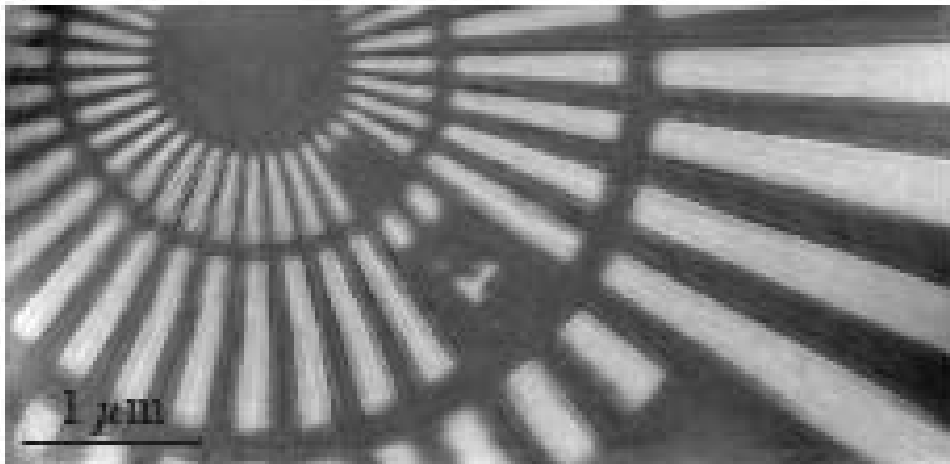
In the PETRA III seminar room L202 building 48e (EMBL annex to PETRA III)

Program:

- greetings from the DESY directorate (Edgar Weckert)
- introduction (G. Falkenberg, Chr. Schroer)
- scientific opportunities at P06 (L. Vincze, M. Denecke, W. Schroeder, J.-D. Grunwaldt)
- reception at the beamline

After the first month of commissioning, the hard x-ray nanoprobe has reached a beam size well below 100 nm and first scanning coherent diffraction image with 10 to 20 nm spatial resolution could be recorded.

After the re-start in March 2011 the nanoprobe experiment will soon be open for friendly users in parallel to commissioning. Assembling and commissioning of the microprobe experiment will follow. Regular user operation might commence in late 2011.



Ptychographic reconstruction of a Siemens star with 50nm structure size in the center.