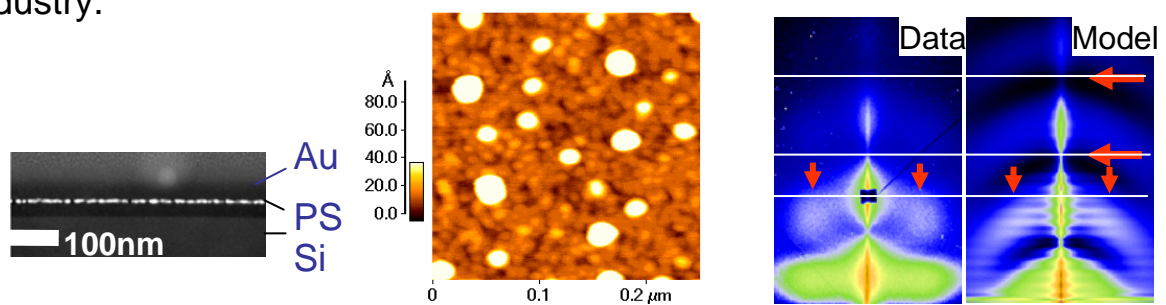


The Hamburg Synchrotronstrahlungslabor HASYLAB is one of the world-leading synchrotron radiation sources for the investigation of condensed matter. The DORIS III storage ring hosts currently around 40 beamlines with a strong international user community from all over the world.

The beamline BW4 of HASYLAB is a unique and dedicated grazing incidence small-angle x-ray scattering beamline (**GISAXS**). Here, the focus lies on the investigation of technologically important nanostructured surfaces with application in **anti-counter-feiting technology**, **biotechnology** and **lotus effect** with strong interplay with industry.



Structure analysis using transmission electron microscopy (top left), atomic force microscopy (top right), and GISAXS experiment and simulation of a typical nanostructured surface used in biotechnology

We offer for students the opportunity to participate as regularly paid trainees in world-leading science. Your stay will be between 6 and 12 weeks. You will collaborate in one of our current research projects, get in touch with life in an international environment and gain own personal research experience!

Interested? Please contact:

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Quelle: www.luftrettung-hamburg.de