



Academic Research Associate Position – Oberassistentenstelle

Operando studies at solid-liquid interfaces using ambient-pressure XPS

We are looking for an outstanding young researcher aiming for an independent academic career in the field of *spectroscopy at solid-liquid interfaces using synchrotron radiation*. We offer a position as academic researcher associated jointly with the Department of Physics of the University of Zürich (UZH) and Paul-Scherrer-Institute (PSI) in Villigen, Switzerland.

Applicants will have a Ph.D. in Physics (or a related field) and at least two years of postdoctoral experience in synchrotron radiation experiments with a proven track record in one of the following fields: surface science, electrochemistry, or catalysis. This position demands the development of a personal research program, and offers great opportunities through the use of a dedicated end station for ambient pressure XPS and access to several other beamlines at the Swiss Light Source (XAS, RIXS, ARPES, surface x-ray diffraction). The successful candidate is expected to lead a small team (1-2 PhD students) and will be supervising the construction, commissioning and operation of a new instrument for ambient pressure XPS studies of solid-liquid interfaces (SLAPXPS). This team will be stationed at PSI and work in close collaboration with the Surface Physics Laboratory at UZH. Teaching of lab courses, exercise classes or special lectures at UZH is part of the job description.

The position is non-tenured, offering an initial duration of three years with a possible extension by another two years. It can be filled immediately. Candidates should send their CV, publications list, names of three references, and a short statement of their research plans to Prof. J. Osterwalder (osterwal@physik.uzh.ch).