



### SSRL Facility Research Associate for Small Angle X-ray Scattering

The Stanford Synchrotron Radiation Lightsource (SSRL) has an opening for a Research Associate to help support our materials sciences small angle X-ray scattering program. This position has a component (roughly 50%) that involves beam line development at SSRL and a part (remaining 50%) involving SAXS related materials science. The facility part will involve instrument development at the SSRL materials sciences SAXS beam line (1-4). This will involve rebuilding much of the in-hutch beam line components (e.g., slits, flight paths, sample stages, etc.). There will also be some development of sample environments such as furnaces and an in-vacuum, grazing incidence capability. The science part of this position is somewhat flexible but will involve studies of complex materials using SAXS and related techniques (e.g., diffraction). It is likely that some of this will include collaborative studies with investigators at universities and national labs.

**Qualifications:** a Ph.D. in a physical science. Experience with synchrotron small angle X-ray and/or neutron scattering. Good interpersonal skills. Some experience with instrumentation design and development and computer-instrument interfacing is desirable.

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