**Abstract**

SWING is a beamline devoted to (A)SAXS, WAXS, and (A)GISAXS atSOLEIL, opened to all scientific domains with no access fees. The source is a U20 in-vacuum undulator, thus providing a beam with small size and low divergence. The energy range is 5-17 keV (Si111 Double Crystal Monochromator) with an expected flux of about $10^{14}$ photons/s. Focusing of the beam onto the detector plane is achieved by bending two perpendicular mirrors (Kirkpatrick Baez configuration), thus being insensitive to a change in energy. The size of the focused beam should be typically $40 \mu m \times 100 \mu m$ (HWHM). A large motorized table allows for fine positioning of sample environments. A 17 x 17 cm vacuum chamber with a large angle exit aperture permits fine positioning of sample environments. A 17 x 17 cm vacuum chamber with a large angle exit aperture permits fine positioning of sample environments.

The white beam was delivered for the first time on March 15th, in the monochromator optics hutch. The beam was focused at the detector position for the first time on July 12th, just before the summer shutdown!

A complete system of purification and automated solution sampler will be available for SAXS measurements on proteins in solution.

**Principle of the online purification / autosampler**

**Connection of the HPLC system to the SAXS measurement cell**

**PCCD70 detector made specially for SWING by AVIEX**

**Java graphical interface for online data reduction**