

ANNOUNCEMENTS



The next users' meeting from the **JUM@P** series will be held at PSI on **September 15-16, 2011**. The meeting will consist of a plenary session with keynote and invited

lectures as well as information about PSI and its user facilities on the first day. The second day is reserved for topical parallel workshops of a half or one day duration. Poster sessions, a tour of the PSI user facilities and the award of the second **PSI Thesis Medal** accomplish the program.

Further information is available at <http://indico.psi.ch/event/jump11>



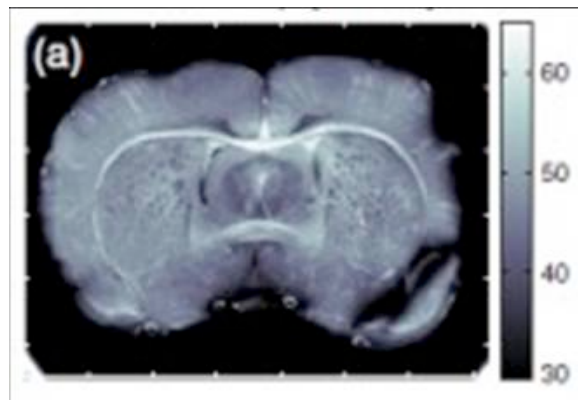
Two Workshops on HARD X-RAY INSTRUMENTATION AT THE SWISSFEL / University of Bern, Switzerland

The SwissFEL team of the Paul Scherrer Institute invites you to attend two workshops on hard X-ray instrumentation at the SwissFEL X-ray Free Electron Laser facility. The present workshops will assist in the planning of the ARAMIS beam lines and experimental stations.

- **Workshop 1: September 12, 2011: Spectroscopic experiments**
- **Workshop 2: November 21, 2011: Scattering and diffraction experiments**

Registration and details are available at the SwissFEL web page <http://www.psi.ch/swissfel/> or by contacting silvia.bacher@psi.ch.

RESEARCH HIGHLIGHT OBTAINED AT SWISS LIGHT SOURCE/PSI



Molecular X-ray computed tomography of myelin in a rat brain

T.H. Jensen et al, *NeuroImage*, 2011

An international team of researchers from Denmark, Germany, Switzerland and France has developed a new method for making detailed X-ray images of brain tissue, which has been used to make the myelin sheaths of nerve fibres visible. Damage to these protective sheaths can lead to various disorders, such as multiple

sclerosis. The facility for creating these images of the protective sheaths of nerve cells is being operated at the Swiss Light Source (SLS), at the Paul Scherrer Institute. The research team has reported on its work in the online version of the scientific journal *NeuroImage*.

Read more on: <http://www.psi.ch/sls/scientific-highlights>