

PSI facility tour: Monday, November 4th, 2019

Meeting point in the lobby of the Auditorium WHGA at 1 pm.

We will have 3 groups. Headsets and Badges will be handed over.

A coffee break will be offered at around 2 pm in the cafeteria TimeOut.

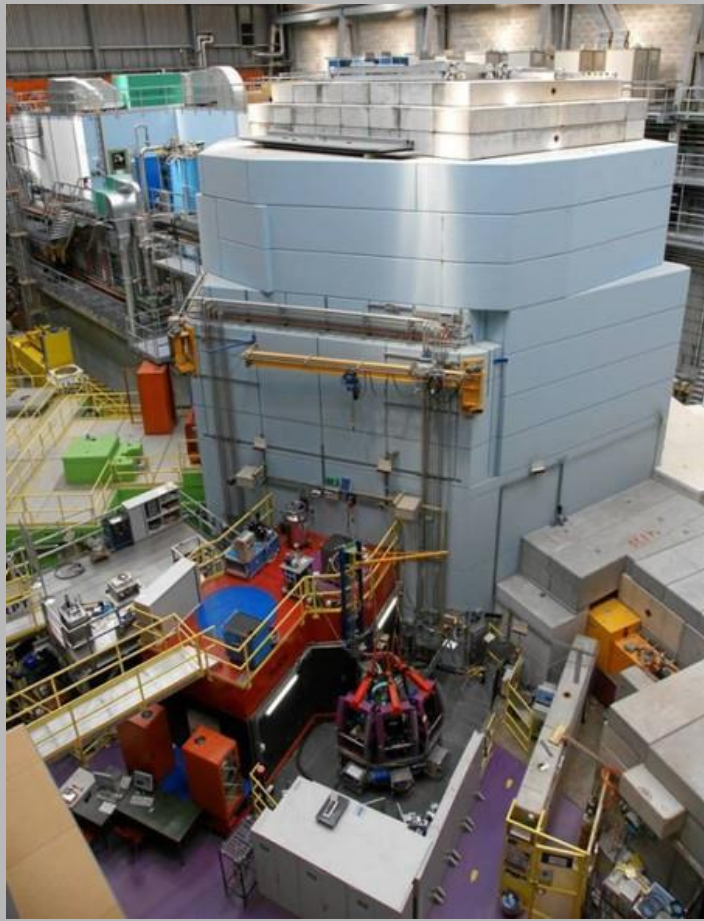
The tour ends at approx. 3 pm.

1. Swiss Light Source – SLS



The Swiss Light Source (SLS) at the Paul Scherrer Institut is a third-generation synchrotron light source. In the design of SLS a high priority was given to the items quality (high brightness), flexibility (wide wavelength spectrum) and stability (very stable temperature conditions) for the primary electron beam and the secondary photon beams. With an energy of 2.4 GeV, it provides photon beams of high brightness for research in materials science, biology and chemistry.

2. The SINQ facility



Top view of the SINQ target block

SINQ is designed as a neutron source mainly for research with extracted beams of thermal and cold neutrons, but hosts also facilities for isotope production and neutron activation analysis. Except for its different process of releasing the neutrons from matter, it resembles closely a medium flux research reactor for most of its users. In the following sections more information about the SINQ facility can be found:

- Proton accelerator
- Target station
- Spallation target
- Moderator tank
- Cold neutron source

3. Experimental hall



The PSI is your door to the world of science. Over 20 interactive exhibits demonstrate the projects that PSI is working on to find solutions for the challenges of the future. You can discover these exhibits on your own, and according to your interests.