



Radiation Protection at PSI – Information for external users

The Paul Scherrer Institute operates Switzerland's large scale research facilities for users from the national and international scientific community, in particular for condensed matter, materials science, particle physics and biology research. PSI is one of the very few locations in the world providing synchrotron X-rays, neutrons and muons in one site.

Different measures (shielding, safety interlock systems, etc.) guarantee the radiation protection of people at PSI, so that the expected doses for the researchers are below 1 mSv per year. People that have access to PSI radiation protection areas for more than 8 weeks per year (collectively) are considered exposed workers. For external users with a typical stay up to few weeks the expected individual doses are typically below 0.1 mSv. Measured doses above 0.1 mSv are rare and are individually investigated by the radiation protection personnel.

Although the exposure to ionizing radiation at PSI is very low, the individual doses of people working at PSI are monitored with passive dosimeters. External users will therefore receive a personal dosimeter that must be worn at the chest level (visible, outside the clothing). A report of the individual doses for external users can be requested per email at dosimetry@psi.ch.

During the registration via Digital User Office (DUO) each user has to attend an online training (in English or German). No certificate is automatically generated, but it can be requested per email at useroffice@psi.ch.

For any other question, please contact the radiation protection personnel of PSI:

- Lisa Pedrazzi, Head of the Radiation Protection Section and Radiation Protection Expert for PSI, +41 56 310 46 03, lisa.pedrazzi@psi.ch (Languages: D, E, I, F)
- Dr. Sophie Harzmann, Head of Operational Radiation Protection Group at PSI West, +41 56 310 37 12, sophie.harzmann@psi.ch (Languages: D, E)
- Dr. Eduardo G. Yukihara, Head of the Radiation Metrology Section and of the Dosimetry Group, +41 56 310 54 30, eduardo.yukihara@psi.ch (Languages: D, E, P)

A handwritten signature in blue ink, appearing to read 'Lisa Pedrazzi', is positioned above the printed name.

Lisa Pedrazzi

Radiation Protection Expert for PSI