

**International Conference on Occupational Radiation Protection:  
Strengthening Radiation Protection of Workers –Twenty Years of Progress  
and the Way Forward**

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## **Insights into operational radiation protection at PSI**

The Paul Scherrer Institute (PSI) consists of a wide range of different facilities such as accelerator facilities, nuclear facilities and radioactive waste treatment. At PSI East site, the facility Hotlab and the Centre for Radiopharmaceutical Sciences are situated where on the one hand highly activated samples are investigated and on the other hand short-lived radionuclides for medical research and patient application are produced. Additionally at PSI West site, a proton accelerator, a spallation source, two electron accelerators and a proton accelerator for medical treatments are operated. Furthermore, four former nuclear installations are dismantled: Three former nuclear research reactors and one incineration plant for radioactive waste material.

This diversity of these facilities with the different experiments and tasks is quite challenging for the operational radiation protection teams.

In this contribution insights into current challenges for operational radiation protection at PSI by focusing on few examples will be given.

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