

## PSI's high intensity proton accelerator –performance highlights and prospects

*Monday, 9 September 2013 08:50 (15 minutes)*

The cyclotron based proton accelerator at PSI generates one of the most powerful beams in the world. The presentation reviews capabilities and performance figures of the facility. These include the overall layout and key parameters, the control of beam losses, energy efficiency, and a brief introduction of the high power targets in use for neutron and muon production. Finally an ongoing improvement program will be presented.

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