Contribution ID: **134** Type: **not specified**

PSI European Strategy Input

We emphasize the unique and peculiar opportunities that PSI provides in the field of particle physics. PSI is home
to a number of accelerator-based, low-energy precision experiments with unique reach, complementing particle physics
at the collider frontier. The document outlines both mid- and long-term projects, connected to international collaborations. It highlights how particle physics contributes to advancements in other scientific fields, while also showcasing
how innovations from other sectors enrich the particle physics program. By sharing resources, such as facilities for
material science applications, the scope of research is greatly expanded. Moreover, spin-offs from developments in
detector technology and electronics benefit a wide range of industries. Radiochemistry enables unique experimental
possibilities, and shared accelerator infrastructure, along with advances in accelerator and magnet technologies, unlocks
diverse application opportunities.

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