



Contribution ID: 7

Type: **Invited**

Muon Beam Prospects - Present & Future

Friday 21 October 2016 13:45 (30 minutes)

The intensity frontier has, in addition to technological developments, enabled a boom in muon physics allowing both μ^- & μ^+ beams to set some of the most stringent limits on fundamental parameters and decays, also reflected in the increased demand for muonic atom spectroscopy experiments.

A general overview of muon beam production techniques and possibilities offered by PSI's High Intensity Proton Accelerator complex (HIPA) will be presented placing emphasis on μ^- beams for muonic atom formation. Future prospects will also be addressed.

Primary author: KETTLE, Peter-R. (Paul Scherrer Institut)

Presenter: KETTLE, Peter-R. (Paul Scherrer Institut)

Session Classification: Muon Spectroscopy for Atomic Parity Violation