

## Progresses towards positronium 1S-2S spectroscopy

*Wednesday 12 June 2024 18:00 (2 hours)*

Positronium being a purely leptonic atom provides an ideal test-bench of bound-state QED. Because of its simplicity, any deviation from calculations could hint to new physics beyond the standard model. This poster presents the ongoing experimental progresses made in the laser 1S—2S spectroscopy with the help of a pulsed slow positron beam at ETH.

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