

The SHiP experiment and hunt for heavy neutral leptons

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The SHiP experiment is a recently approved beam-dump experiment aimed at searching for light long-lived particles with astonishing 6×10^{20} protons on target. I will discuss the status of the experiment and its prospects in finding new physics and, in particular, testing the relation of newly seen particles to the Beyond the Standard Model problems, with a focus on heavy neutral leptons.

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