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## **The NA64-mu experiment at the CERN SPS.**

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The NA64 experiment is a fixed-target experiment at the CERN SPS combining the active beam dump and missing energy techniques to search for rare events by colliding 100-150 GeV energy electron or muon beams onto an active target. The talk presents the muon part of the experiment. The NA64-mu looks for the muon (g-2) anomaly and light dark matter with the semi-visible dark photon channel. The present report shows the status of the experiment, the theoretical and experimental parts, and future goals

**Primary author(s) :** GERTSENBERGER, Svetlana (JINR)

**Presenter(s) :** GERTSENBERGER, Svetlana (JINR)

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