

Potential Fermilab Muon Campus & Storage Ring Experiments

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Particle Beams for the REDTOP Experiment

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The existing and possible future facilities available at the Fermilab accelerator complex allow for new experiments aimed at studying rare meson decays with high statistics. The existing Delivery Ring could be modified in order to provide a CW beam with variable energy for producing light mesons in large quantities. PIP-II (at 920 MeV) or a possible new booster synchrotron would enable beams suitable for, respectively, a tagged- π^0 and a tagged- π^+ factory. Various possible options will be discussed during the presentation.

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