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Searching for the dark matter U boson with a positron beam BOGDAN WOJTSEKHOWSKI, Thomas Jefferson National Accelerator Facility — A fixed-target experiment with a 300 MeV positron beam at high luminosity is proposed that would provide a unique sensitivity search for the dark matter boson U in the reaction $e+e^- \rightarrow U$ gamma in the relevant mass range. A detailed plan of the experiment will be presented.

Prefer Oral Session
 Prefer Poster Session

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