

LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS (LEPP) Joint Experimental and Theory Seminar in Particle Physics and Cosmology:



## **David McKeen** University of Pittsburgh

## **Neutrino Portal Dark Matter**

Dark matter that interacts with the standard model (SM) through the "neutrino portal" is a possibility that is relatively less well studied than other scenarios. In such a setup, the dark matter communicates with the SM primarily through its interactions with neutrinos. In this talk, I will motivate neutrino portal dark matter and discuss some new tests of this possibility.

## Friday, February 2, 2018 1:00pm 401 Physical Sciences Bldg.

LEPP and CHESS resources have merged and a new lab, (CLASSE), has formed. LEPP's primary source of support is the National Science Foundation. Visit us at www.lepp.cornell.edu