

SEMINAR NOTICE

*Department of Physics and Engineering Physics
University of Saskatchewan*

SPEAKER: Jeremy Sakstein
Physics & Astronomy
University of Hawai'i

TOPIC: *Direct Detection of Dark Energy*

DATE: Tuesday March 8th, 2022

TIME: 3:30-4:30 p.m.

PLACE: *Physics 103*

ABSTRACT:

"Dark energy is the mysterious component of the universe that drives the acceleration of the cosmic expansion. Its nature has remained a complete mystery to us since its discovery in 1998. In this talk, I will discuss how dark energy particles could be produced in the Sun and observed here on Earth in dark matter direct detection chambers, and how dark energy could potentially explain the anomalous excess observed in the XENON1T detector."