

The 26th International Workshop on Weak Interactions and Neutrinos  
(WIN2017)

Contribution ID: 125

Type: **Working Group Sessions**

## Neutrino Portal Dark Matter

*Friday, 23 June 2017 15:10 (20 minutes)*

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 (both mostly sterile and mostly active) neutrinos. In this talk, I will motivate neutrino portal dark matter and discuss some new tests of this possibility.

**Primary author:** Dr MCKEEN, David (University of Pittsburgh)

**Presenter:** Dr MCKEEN, David (University of Pittsburgh)

**Session Classification:** Joint Working Group: Astroparticle and Neutrino Physics

**Track Classification:** Neutrino Physics Working Group