



Contribution ID: 35

Type: **not specified**

## Neutrino Lines from Dark Matter

*Friday 30 July 2021 11:20 (20 minutes)*

While photon lines -or monochromatic photons- are known to arise in many dark matter models, neutrino lines are not so common.

In this talk, I will discuss simple dark matter models, whose main indirect detection signature is the production of monochromatic neutrinos. Such features play an important role in indirect dark matter searches because they can be better discriminated against the astrophysical background. I will discuss the implications for neutrino telescopes and the interplay with other indirect detection channels.

**Author:** GARCIA CELY, Camilo (Deutsches Elektronen-Synchrotron DESY)

**Presenter:** GARCIA CELY, Camilo (Deutsches Elektronen-Synchrotron DESY)

**Session Classification:** NuCo 2