

# Looking for Dark Matter in Novel Ways

*Saturday 30 April 2022 14:00 (45 minutes)*

To date dark matter has only revealed itself to us through its gravitational interactions, despite our best efforts to see more direct signals. The increasingly strong constraints on WIMP-like dark matter have led to a proliferation of new models of dark matter. These new models present both challenges and opportunities for discovery of the dark sector. I will present a few examples of dark sector model building and a few of the new ways one can search for this elusive beyond the standard model physics.

**Presenter:** FOX, Patrick James

**Session Classification:** Afternoon Session