

# Semi-Annihilation and Dark Matter Indirect Detection

*Monday 28 November 2016 16:30 (20 minutes)*

Semi-annihilation is a generic feature in dark matter theories with symmetries beyond  $Z_2$ . We investigate some examples with either single- or multi- component dark sectors where semi-annihilation affects the phenomenology substantially. We also present a systematic tool to study models with semi-annihilation.

## Summary

**Author:** CAI, Yi (The University of Melbourne)

**Co-author:** SPRAY, Andrew (TRIUMF)

**Presenter:** CAI, Yi (The University of Melbourne)

**Session Classification:** Dark matter