

# Cosmic Probes of the Dark Sector

*Thursday 29 June 2023 09:00 (30 minutes)*

In this talk, I will motivate why in the 2020s so many of us are focusing on astrophysics and cosmology as an important tool for studying one of the most challenging questions in all of particle physics: determining what exactly dark matter is comprised of. I will focus most especially on questions relating to large-scale structure an axion-like particle models, as well as on asymmetric dark matter in neutron stars as valuable exemplars of interesting work that is underway.

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