



Contribution ID: 45

Type: **not specified**

Recent Progress in Radio Searches for Dark Matter

Thursday 28 July 2022 11:54 (18 minutes)

Axions are fast becoming one of the most popular solutions to the dark matter problem. Neutron stars offer an exciting opportunity to detect radio lines produced by axion dark matter which converts into photons in the plasma around the star. In recent years, many groups have begun searching neutron star populations for a tell-tale radio line produced by axions. In this talk I will give an update both on the recent developments on modelling the dark matter signal and describe the radio searches which have been undertaken to find it.

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Session Classification: Parallel Session B

Track Classification: Astroparticle physics