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Type: 20 minutes talk

Introduction to the Cosmic Neutrino Background

Friday, 17 December 2021 09:15 (30 minutes)

In the early universe, neutrinos are produced in equilibrium with the Standard Model plasma. As the universe cools these neutrinos freeze-out, and exist today as a thermal relic that we call the Cosmic Neutrino Background (CnuB). In this talk I will attempt to introduce the CnuB and derive its important properties, before giving a brief introduction to CnuB detection proposals.

Could you please give the most relevant category for your talk?

Astroparticle

Will you be pre-recording your talk?

No

Are you happy for your talk to be recorded?

Yes

Would you be interested in receiving feedback on your presentation?

No

Primary author: SHERGOLD, Jack (Durham University)

Presenter: SHERGOLD, Jack (Durham University)

Session Classification: Full-length talks