

## Introduction on neutrino cosmology

*Tuesday 25 April 2023 11:00 (1h 30m)*

After a short introduction on cosmology, we discuss how neutrinos affect the expansion of the universe in different epochs, by analysing their impact on early- and late-time observables and how we can use cosmological measurements to constrain neutrino properties.

Neutrino decoupling, Big Bang nucleosynthesis, Cosmic Microwave Background and related constraints are presented.

**Primary author:** Dr GARIAZZO, Stefano (INFN Turin)

**Presenter:** Dr GARIAZZO, Stefano (INFN Turin)

**Session Classification:** Lecture 2: Neutrinos

**Track Classification:** Neutrino Physics