

Contribution ID: 21

Type: Parallel

## Advancing our understanding of how new physics affects cosmic neutrinos

Understanding how new physics influences the dynamics of cosmic neutrinos is crucial in light of upcoming precise cosmological observations and the need to reconcile the complementarity between cosmological and laboratory probes. In this talk, I discuss novel insights on neutrino evolution in the presence of new physics at MeV temperatures - at the edge of the times that can be probed by BBN and CMB observations. In addition, I present a new powerful method to solve the neutrino Boltzmann equation in a model-agnostic way.

## Secondary track

T03 - Neutrino Physics

Authors: OVCHNYNIKOV, Maksym (CERN); Dr SYVOLAP, Vsevolod (IFT Madrid)

Presenter: OVCHNYNIKOV, Maksym (CERN)

Session Classification: T01

Track Classification: T01 - Astroparticles, Gravitation and Cosmology