



ID de Contribution: 12

Type: Non spécifié

Collective Neutrino Oscillations in Dense Neutrino Media

jeudi 5 juillet 2018 14:40 (40 minutes)

Neutrino evolution in dense neutrino media is a very nonlinear and rich phenomenon. Such a dense neutrino medium could be found in very extreme astrophysical sites such as core collapse supernovae and neutron star mergers. Studying collective neutrino oscillations in the aforementioned settings is very important since neutrinos could play a key role in their dynamics and nucleosynthesis. In this talk, I will discuss our current understanding of this topic which has tremendously changed in the past few years.

Orateur: ABBAR, Sajad