

Mini-Workshop A2

Neutrinos from Core-Collapse Supernovae

organized by: Marek Kowalski

Fri, 15:00 - 17:30

In this session, you will get an overview of the physics of core-collapse supernovae (CC SNe). After a general introduction we will focus then on the production and emergence of neutrinos, which are crucial to the understanding of CC SNe. You will learn how to estimate the neutrino light curve applying basic physics and will perform calculations by yourself. We finally look at how these neutrinos can be detected and summarize existing and possible future SN neutrino detectors.