

## First steps in cosmology (Block 4)

*Friday, 16 July 2021 12:00 (1h 15m)*

**Abstract:** In the lecture, I will outline the basic assumptions of cosmology. We'll derive the Friedman equation in the Newtonian approximation and discuss its standard solutions as well as complications arising from general relativity. Then we will discuss some observational milestones that support the standard cosmological model.

**Presenter:** SLOSAR, Anze (BNL)