ASP2014

Report of Abstracts

Abstract ID : **105**

Cosmology Astroparticle Physics

Abstract content

Status: I will present an overview of modern cosmology: composition of the Universe, introduction to Einstein equation, evolution law, curvature, cosmological eras. Then I will focus on observational evidences : Hubble law, CMB, supernova, rotation curves, and big bang nucleosynthesis. Concerning astroparticle physics, after a general introduction on the field, II will briefly recall the interaction of particles with matter, the theory of atmospheric showers and describe the experimental techniques in gamma-ray astronomy, cosmic ray physics, neutrino astronomy, and gravitational wave detectors.

Summary

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Status: SUBMITTED

Submitted by **MUANZA, Steve Guy** on **Sunday 03 August 2014**