

3rd COSMOLOGY SCHOOL

Cracow, Poland
10-23.07.2017

The purpose of the 3rd Cosmology School in Cracow is to give an introduction to the current knowledge in cosmology, both in theory and observations. This School is intended for undergraduate, MSc and PhD students, as well as young postdoctoral researchers, interested in these fields.

The program of the school will include mini-workshops on:

- cosmological simulations,
- Virtual Observatory database and tools,
- SED fitting.

INTRODUCTION TO COSMOLOGY

MAIN TOPICS:

Conceptual foundations and issues in cosmology
Cosmological surveys and main tools of observational cosmology
Prospects for next generation CMB experiments
Modelling galaxy Spectral Energy Distributions
Cosmic Web
Galaxy-AGN co-evolution
Astrophysics of star formation
Galaxy evolution
Dust in galaxies
Cosmological simulations
Virtual Observatory

LECTURERS:

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