MexiCOsmo events

Mexican
Numerical
Simulations
School

IMAGE CREDIT: https://www.alcf.anl.gov/

SIMULATIONS FOR COSMOLOGY

3-6 October 2016

29-30 September Pre-school

Instituto de Física UNAM, Ciudad de México.

www.iac.edu.mx/mexsimschool
http://www.fisica.unam.mx/events/cosmo

The main goal is to prepare the next generation of students, postdocs, and researchers to perform cosmological simulations in the era of large scale surveys like BOSS, eBOSS, DESI, LSST, etc.

The first part of each day will be devoted to lectures and tutorials providing the basis generating cosmological simulations. The rest of the day will be dedicated to hands-on sessions for developing projects.

Organizing Committee:

Jorge Cervantes Cota (ININ/IAC)
Axel de la Macorra (IF-UNAM)
Gustavo Niz (UGTO)
Mario Rodriguez-Meza (ININ)
Octavio Valenzuela (IA-UNAM)
Mariana Vargas-Magaña (IF-UNAM)

Local Organization Committee:

Instituto de Física, Universidad Nacional Autónoma de Mexico.

Organizing Institutions:

IAC, DESI-MX, IF, ICN, IA, ININ.

Invited lecturers:

Salman Habib (Argonne National Laboratory)
Peder Norberg (U.Durham, U.K.)
Aldo Rodriguez-Puebla (UC Santa Cruz/IA-UNAM)
Gong Bo Zao (ICG Portsmouth, UK)

Pre-school Lectures:
Mario Rodriguez-Meza (ININ)
Octavio Valenzuela (IA-UNAM)
Clemente Gonzalez (UNAM)

Program:

N-body Simulations
Halo Finders
Populating Halos
Alternative Cosmological Simulations
Simulations Analysis

LIMITED financial support for lodgment.
Deadline for financial support:
August 31.

Deadline for applications:
August 31

INSTITUTO AVANZADO DE IAC COSMOLOGIA

DESI-MX

iF Instituto de Física UNAM

ICN

instituto de astronomía unam