MexiCOsmo events

5th
Mexican
Astro
Cosmo
Statistics
School

SIMULATION: COURTESY NIC GROUP, S. COLOMBI, IAP.

ADVANCED TOPICS IN COSMOLOGY

19-23 June

as part of MEXICOPAS
http://fisica.ugto.mx/~events/mexicopas/

In-person school with possibility to attend online to the lectures and projects.

http://fisica.ugto.mx/~events/macss/

The main goal of this school is to prepare the next generation of students, postdocs, and researchers to perform statistical analysis over cosmological observations, such as present large scale surveys like DESI and VERA RUBIN C. OBSERVATORY.

The first part of each day will be devoted to lectures and tutorials providing the basis of the advanced topics. The rest of the day will be dedicated to hands-on sessions for developing projects. A set of projects will be pre-defined.

Organizing Committee:

Gonzalez Morales A.(U. Guanajuato)
Vargas Magaña M. (IF-UNAM)
de Santiago Sanabria J. (CINVESTAV)
Fromenteau S.(ICF.-UNAM)
Niz G.(U. Guanajuato)
Ureña López L. ((U. Guanajuato)
Vazquez A.(ICF.-UNAM)

Local Organization Committee:

Faculty of the Gravitation and Mathematical Physics group at Universidad de Guanajuato.

Deadline for registration:
Deadline to register requesting financial support : May 3, 2023
Deadline to register without financial support : May 31, 2023

Registration at
shorturl.at/oKMS5

Enquires to: cosmostatschool@gmail.com
Organizing Institutions:

División de Ciencias e Ingenierías, Universidad de Guanajuato, Campús León,
Instituto Avanzado de Cosmología (IAC),
Consejo Nacional de Ciencia y Tecnología (CONACyT)
Instituto de Física, UNAM
Instituto de Ciencias Físicas, UNAM
CINVESTAV.

Lecturers & Projects Leads:
Gabriela Garcia Arroyo (UNAM-ICF)
Alejandro Áviles Cervantes (ININ)
Corentin Ravoux (Centre de Physique des Particules de Marseille)
Aldo Armando Rodriguez Puebla (UNAM-IA)

Topics:
Lyman Alpha Forest P1D
Cosmological Simulations
Weak Lensing
Bayesian Statistics

IF Instituto de Física UNAM · INSTITUTO DE CIENCIAS FÍSICAS · Cinvestav · CONACYT · INSTITUTO AVANZADO DE COSMOLOGÍA