

8th IDPASC SCHOOL



Monday 21 May 2018 - Thursday 31 May 2018

CAMPUS DE PATERNA

Programa Científico

****Particle Physics****

Precise Collider Phenomenology at LHC. Hot topics on Flavour, Higgs and Physics Beyond the SM: theory and experiment. Detectors for the LHC upgrade.

Speakers include: Francisco Campanario, Oscar Vives, Miguel Nebot, Arantza Oyanguren, Luca Fiorini and Susanne Kuehn.

****Astrophysics and Cosmology****

Introduction to Cosmology. Dark Matter. Neutrino Telescopes. Gravitational Waves. Multimessengers approach.

Speakers include: Olga Mena, Stefano Gariazzo, Sergio Palomares, Juan de Dios Zornoza, Jose Antonio Font, Maurizio Spurio and Mario Pimenta.

****Neutrinos Physics****

Neutrino overview, Neutrino experiments and Neutrinos in Cosmology.

Speakers include: Mariam Tortola, Michel Sorel and Sergio Pastor.

****Public Lecture****

Luis Álvarez-Gaume