

# **PASCOS 2012**

**Sunday 03 June 2012 - Friday 08 June 2012**

**Hotel Fiesta Americana**

## **Conference Scientific Programme**

The conference is aimed at exploring the interface and interplay between particle physics, string theory and cosmology. With the advent of new data, the emphasis this year will be on phenomenology and the interpretation of recent observational and experimental results. The conference will follow the format of previous conferences in this series, with plenary reviews and contributed presentations in parallel sessions. The topics to be covered include: Dark matter and dark energy Flavor physics and CP violation Neutrino physics Strong interaction Baryon lepton violation SUSY and Higgs phenomenology SUGRA unification EDMs and baryogenesis High energy cosmic rays String GUTs F-theory GUTs String phenomenology

## **Particles**

## **Strings**

## **Cosmology**