

# **XIV Mexican Workshop on Particles and Fields**

**Monday 25 November 2013 - Friday 29 November 2013**

**Hotel Victoria**

## **Conference Scientific Programme**

## Invited talks

Kirill Prokofiev (CERN), Higgs at Atlas

Antonio Ortiz Velasquez (Lund University), Overview of ALICE results

José Benítez (CERN), Higgs at CMS

Yoshi Sakai (KEK), Belle II experiment

Gene Fisk (FERMILAB), Tevatron

M. Porrati (New York University), Surprises with interacting high spin physics

James Zanotti (University of Adelaide), Lattice QCD

Eric Vázquez (SNOLAB), Deep underground physics at SNOLAB

Daniel Tapia Takaki (IPNO (CNRS/IN2P3) - Université Paris-Sud), Photon-photon and photon-hadron collisions at LHC: an experimental review

Alfredo Aranda (Universidad de Colima), Extra dimensions and flavor physics

Anamaria Font (Universidad Central de Venezuela), Yukawa couplings in string theory: the case for F-theory GUTS

Vasiliki Mitsou (Atlas), Overview of searches for dark matter at the LHC

Luis Villaseñor (UMSNH), The Pierre Auger Observatory, Status and upgrade plans

Aurore Courtoy (IFPA & INFN), Phenomenology of hadron structure-why low energy physics matters

Eduardo Peinado (INFN), Scalar Dark matter candidates and its connection with neutrino physics

Adnan Bashir (INFM-UMSNH), Hadronic Form Factors From Quark Gluon Interactions

Alberto Carramiñana (INAOE), High energy astrophysics

Martin Hentschinski (Brookhaven National Laboratory), Proton structure functions at small x

Nick E. Mavromatos (King's College London), Pseudoscalar Fields in (Torsionful) Geometries of the Early Universe and the Baryon Asymmetry