

## **Session Program**

**9-11 May 2018**



# **PHENOEXP 2018: LHC Physics and beyond**

## ***Short Communications***

ICAS

# Wednesday 9 May

13:30

## Short Communications

Session | Location: ICAS

13:30–13:45

### Dark Matter from a vector field in the fundamental representation of SU(2)

**Speaker**

Mr Bastian Diaz

13:45–14:00

### Connecting Dark Matter with Long Lived Particles at the LHC

**Speaker**

Prof. Andre Lessa

14:00–14:15

### Into the dark sector: new probes and model-building

**Speaker**

Dr sylvain fichet

14:15–14:30

### Synchrotron Emission from a Flavored Dark Matter Model as An Explanation of ARCADE-2 Excess

**Speaker**

Prof. Elaine Fortes

14:30–14:45

### Amplitude Analysis of D decays to three hadrons in the LHCb experiment

**Speaker**

Fernanda Goncalves Abrantes

14:45–15:00

### CP violation in charmless three-body $B^\pm$ meson decays at LHCb

**Speaker**

Dr Irina Nasteva

15:00–15:15

### $B_c$ charmless three body decays

**Speaker**

Leandro Salazar De Paula

15:15–15:30

### Looking for NP in 3rd generation observables at the LHC

**Speaker**

Ezequiel Alvarez

15:30

16:00

## Short Communications

Session | Location: ICAS

16:00–16:15

### ATLAS @ Instituto de Física La Plata

**Speaker**

Francisco Alonso

16:15–16:30

### Search for non-standard SUSY Final States at the LHC

**Speaker**  
Carsten Hensel

16:30-16:45 **UBA @ ATLAS**

**Speaker**  
Jonathan Bossio

16:45-17:00 **Pheno @ Instituto de Física La Plata**

**Speaker**  
Alejandro Szykman

17:00-17:15 **Limits on Exotics Bosons at LHC**

**Speaker**  
Andre Asevedo Nepomuceno

17:15-17:30

**Searching for Physics Beyond The Standard Model: signals from R-parity breaking supersymmetry**

**Speaker**  
Dr Daniel E. Lopez-Fogliani

17:30-17:45 **Search for new physics at CMS collaboration.**

**Speaker**  
Pedro Galli Mercadante

17:45

# Thursday 10 May

11:20

## Short Communications

Session | Location: ICAS

11:20-11:35 **Multiple Higgs Production at the LHC**

**Speaker**

Ignacio Fabre

11:35-11:50

**Probing the Sea Quark Content of the Proton with One-Particle-Inclusive Processes**

**Speaker**

Mr Ignacio Borsa

11:50-12:05 **Perturbative QCD around 2 GeV**

**Speaker**

Diogo Boito

12:05-12:20

**Measurement of inclusive jet and dijet cross-sections in pp collisions at 13 TeV with the ATLAS detector and comparison to NNLO predictions**

**Speaker**

Gino Marceca

12:20

14:00

## Short Communications

Session | Location: ICAS

14:00-14:15

**Relativistic nonlocal quark models for QCD. Hadron properties and phase transitions under extreme conditions of temperature, density and external magnetic fields**

**Speaker**

Dr Daniel Gomez Dumm

14:15-14:30 **Hadron structure from string theory**

**Speaker**

Martin Schvellinger

14:30