

Session Program

May 9 - 11, 2018



PHENOEXP 2018: LHC Physics and beyond

Short Communications

ICAS

Wed, May 9

1:30 PM

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

Bc 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

3:30 PM

4:00 PM

Short Communications

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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 Szyrkman

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

5:45 PM

Thu, May 10

11:20 AM

Short Communications

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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 PM

2:00 PM

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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

2:30 PM