

Session Program

26-30 Nov 2018

**XII Latin American Symposium on High
Energy Physics**

Parallel Talks B

PUCP

Pontificia Universidad Católica del Perú Av. Universitaria 1801, San Miguel Lima 32, Perú

Sunday 25 November

14:15

Parallel Talks B

Session | **Location:** PUCP, Room N101, McGregor Building

14:15–14:30

Resonant production of dark photons in positron beam dump experiments

Speaker

Cristian David RUIZ CARVAJAL

14:30–14:45

Searches for Exotic Phenomena in ATLAS

Speaker

Chunhui Chen

14:45–15:00

Dark Matter from a Vector field in non-trivial $SU(2)_L$ Representations

Speaker

Dr Alfonso Zerwekh

15:00–15:15

Two-component dark matter in a new B-L model

Speaker

Carlos E. Yaguna

15:15

15:45

Parallel Talks B

Session | **Location:** PUCP, Room N101, McGregor Building

15:45–16:00

Bose-Einstein graviton condensate in a Schwarzschild black hole

Speaker

Prof. Jorge Alfaro

16:00–16:15

Coupling between the Ho\v{r}ava-Lifshitz gravity and electromagnetism

Speaker

Ms Francisco Tello Ortiz

16:15–16:30

Gravitational massive stealth fields from deformation method

Speaker

Dr Mauricio Valenzuela

16:30–16:45

Renormalization and unitarity in higher-order Lorentz violating models

Speaker

Prof. Carlos Reyes

16:45–17:00

Torsional regularization and finite bare charge

Speaker

Dr Nikodem Poplawski

17:15

Monday 26 November

14:50

Parallel Talks B

Session | **Location:** PUCP, Room N101, McGregor Building

14:50–15:05

Interplay between multiple parton interactions and color reconnection and their effects on forward-backward multiplicity correlations in proton-proton collisions

Speaker

Eleazar Cuautle Flores

15:05–15:20

Investigating diffractive processes in the ALICE experiment at the LHC

Speaker

Ernesto Calvo Villar

15:20–15:35

Coherent J/ψ photo-production in ultra-peripheral Pb-Pb collisions with ALICE at the LHC

Speaker

Roman Lavicka

15:35–15:50

Top quark measurements with the ATLAS detector

Speaker

Leonid Serkin

16:20

Wednesday 28 November

14:00

Parallel Talks B

Session | **Location:** PUCP, Room N101, McGregor Building

14:00–14:15

Newton gauge cosmological perturbations for static spherically symmetric modifications of the de Sitter metric

Speaker

Mr Camilo Santa

14:15–14:30

Antisymmetric Wilson loops in $N = 4$ SYM: from exact results to non-planar corrections

Speaker

ANTHONNY FREDDY CANAZAS GARAY

14:30–14:45

AdS / QCD approach to study Hadron properties in nuclear medium

Speaker

Alfredo Vega

14:45–15:00

Drag Force in QGP via AdS/QCD

Speaker

Dr Miguel Angel Martin Contreras

15:00–15:15

Glueball masses within an anomalous modified AdS/QCD model

Speaker

Dr Eduardo Folco Capossoli

15:15

15:45

Parallel Talks B

Session | **Location:** PUCP, Room N101, McGregor Building

15:45–16:00

Traversable wormholes in AdS

Speaker

Prof. Teófilo Vargas Auccalla

16:00–16:15

Equivalent Friedmann Equations in Delta Gravity and a possible explanation to Dark Energy

Speaker

Marco San Martín

16:15–16:30

Temperature Fluctuations of CMB in Delta Gravity

Speaker

Mr Carlos Rubio

16:30–16:45

Scale-dependent FLRW Cosmology

Speaker

Mr Angel Rincon

16:45-17:00

QED process in Very Special Relativity

Speaker

Mr Alex Soto

17:15