



# XII Latin American Symposium on High Energy Physics

## Monday, 26 November 2018

### Parallel Talks A - Room N111, McGregor Building (14:15 - 15:15)

time	[id] title	presenter
14:15	[35] Recent results in B-physics with the ATLAS detector	PRELL, Soeren Andre
14:30	[38] Nambu--Jona-Lasinio Models with Supersymmetry and Phenomenology	Dr KONG, Otto C. W.
14:45	[69] Constraining sparticles at the LHC in a supersymmetric seesaw scenario	CERNA VELAZCO, Nhell Heder
15:00	[30] Recent results from SUSY searches with ATLAS	ARGUIN, Jean-Francois

### Parallel Talks A - Room N111, McGregor Building (15:45 - 17:15)

time	[id] title	presenter
15:45	[106] Color dipole approach to diffractive particle production: from Drell-Yan to di-jets final states	PASECHNIK, Roman
16:00	[20] Disentangling atmospheric cascades started by gamma rays from cosmic rays with CORSIKA	RENGIFO GONZALES, JAVIER ALONSO
16:15	[53] Search for gamma-ray counterparts of newly discovered radio astrophysical sources	BEST REYES, Sergio Andre
16:30	[64] The Latin American Giant Observatory	Mr OTINIANO, Luis
16:45	[72] Particle detection with portable scintillation-based devices	Mr MASIAS TEVES, Joaquin
17:00	[4] Extra dimensions' influence on the structure and stability of compact object with a linear equation of state	Dr ARBAÑIL, José

## Tuesday, 27 November 2018

### Parallel Talks A - Room N111, McGregor Building (14:50 - 16:20)

time	[id] title	presenter
14:50	[31] Measurements of the Higgs boson properties at the ATLAS experiment	MANCINI, Giada
15:05	[45] New Physics in Double Higgs production at future e+ e- colliders	Dr TONERO, Alberto
15:20	[32] Searches for non-SM Higgs bosons and for BSM decays of the Higgs boson at the ATLAS experiment	SANCHEZ PINEDA, Arturo
15:35	[28] Muon $g - 2$ in the 2HDM: updates on maximum results and phenomenology	CHERCHIGLIA, Adriano
15:50	[24] Chromomagnetic and chromoelectric dipole moments of the top quark in the fourth-generation THDM	Mr HERNÁNDEZ JUÁREZ, Alan Ignacio
16:05	[105] Heavy quarks within the electroweak multiplet	Dr BESPROSVANY, Jaime

# Thursday, 29 November 2018

## Parallel Talks A - Room N111, McGregor Building (14:00 - 15:15)

time	[id] title	presenter
14:00	[82] The Astrophobic Axion	NARDI, Enrico
14:15	[15] Observational tests for Beyond Standard Model Physics: CMB Photon oscillation into Hidden Sector and Axion like Particles.	Mr GONZALEZ, Cristopher
14:30	[19] Dark matter production of scalar and vector kind	ARIAS REYES, Paola
14:45	[33] Dark Matter searches with the ATLAS Detector	NG, Yvonne
15:00	[17] Searches for dark matter at CMS	RUIZ, Jose

## Parallel Talks A - Room N111, McGregor Building (15:45 - 17:15)

time	[id] title	presenter
15:45	[12] About heavy neutrinos: violation of lepton flavor in neutrinoless decays of leptons	Ms SALINAS IBAÑEZ, Mónica
16:00	[68] Majorana and Pseudo-Dirac Neutrinos at the ILC	Mr SUAREZ NAVARRO, Omar
16:15	[10] Polarization signatures from effective interactions of Majorana neutrinos	Dr DUARTE, Lucía
16:30	[62] Breaking of CPT due to quantum decoherence tested at DUNE	Mr DÍAZ DESPOSORIO, Félix Napoleón
16:45	[16] Implications of neutrino generalized interactions in coherent elastic neutrino-nucleus scattering	ARISTIZABAL, Diego
17:00	[66] Visible neutrino decay and matter effects at future long-base line experiments	CALATAYUD CADENILLAS, Anthony Mard