

## **Session Program**

**8-12 Jan 2018**



## **7th International Conference on High Energy Physics in the LHC Era**

### ***Parallel Session 3***

Universidad Técnica Federico Santa María, Valparaíso, Chile, Building A, Centro de Extensión  
Avda. España 1680, Valparaíso, Chile

## Tuesday 9 January

14:30

### Parallel Session 3: Instrumentation and Detectors

**Session** | **Location:** Building A, Modular room | **Convener:** Hayk Hakobyan

#### 14:30–15:00 Run 2 ATLAS Trigger and Detector Performance

**Speaker**

Oleg Solovyanov

#### 15:00–15:20 A detector for FCC-hh: Tracker & Vertex design and optimization

**Speaker**

Estel Perez Codina

#### 15:20–15:40 Luminometers for future collider experiments

**Speaker**

Angel Christian Abusleme Hoffman

#### 15:40–16:00

### Precision Timing Detectors: Unlocking the Potential for Discoveries at the LHC and Beyond

**Speaker**

Cristian Ignacio Pena Herrera

16:00

16:30

### Parallel Session 3: Beyond Standard Model

**Session** | **Location:** Building A, Modular room | **Convener:** Juan Carlos Helo

#### 16:30–17:00

### Searches for new heavy resonances in final states with leptons and photons

**Speaker**

Riccardo Paramatti

**Location**

Building A, Modular room

#### 17:00–17:20

### Searches for Supersymmetry and Exotics Physics in ATLAS (Remote talk))

**Speaker**

Jike Wang

#### 17:20–17:40

### SUSY searches at CMS

**Speaker**

Cristian Ignacio Pena Herrera

#### 17:40–18:00

### Constraining sleptons at the LHC in a supersymmetric low-scale seesaw scenario

**Speaker**

Joel Jones-Perez

**Location**

Building A, Modular room

18:30

18:00–18:20

## Torsion resonance decaying into $t\bar{t}$ at LHC

### Speaker

Andre Asevedo Nepomuceno

### Location

Building A, Modular room

18:20–18:30

## Break

## Thursday 11 January

16:30

### Parallel Session 3: Hadron Structure

**Session** | **Location:** Building A, Modular Room | **Convener:** Hayk Hakobyan

16:30–17:00

#### Short Range Correlations in Asymmetric Nuclei

**Speaker**

Axel Schmidt

17:00–17:20

#### Color transparency and hadronization

**Speaker**

Taisiya Mineeva

**Location**

Building A, Modular Room

17:20–17:40

#### Nucleon Form Factor Measurements at Jefferson Lab: results and future experiments

**Speaker**

Nilanga Liyanage

**Location**

Building A, Modular Room

17:40–18:00

#### A Space-time Analysis of Semi-inclusive Deep Inelastic Scattering on Nuclei

**Speaker**

Jorge Lopez Lopez

**Location**

Building A, Modular Room

18:00

## Friday 12 January

14:30

### Parallel Session 3: Future Experiments / Instrumentation & Detectors

**Session** | **Location:** Building A, Modular room | **Convener:** ahmed el alaoui

14:30–15:00 **sPhenix Overview**

**Speaker**

Dennis Perepelitsa

15:00–15:20

#### **AFP measurements and prospects for exclusive diffraction, BSM physics and Pomeron structure**

**Speaker**

Ladislav Chytka

15:20–15:40

#### **The ALICE detector upgrade program**

**Speaker**

Stefano Panebianco

15:40–16:00

#### **Current and expected performance of tracking and vertexing with the ATLAS detector at the LHC and the HL-LHC**

**Speaker**

Alex Kastanas

16:00

16:30

### Parallel Session 3: Heavy Ion collisions

**Session** | **Location:** Building A, Modular room

16:30–17:00 **ATLAS soft QCD results**

**Speaker**

Tomas Sykora

**Location**

Building A, Modular room

17:00–17:20

#### **Thermomagnetic correlation lengths of strongly interacting matter in the Nambu-Jona-Lasinio model**

**Speaker**

Marcelo Loewe

17:20–17:40

#### **Viscous effects of clustering of color sources in small collision systems**

**Speaker**

Irais Bautista Guzman

**Location**

Building A, Modular room

17:40–18:00

#### **Charmonium production in Heavy Ions collisions at ATLAS**

18:20

**Speaker**

Dennis Perepelitsa

**Location**

Building A, Modular room

18:00–18:20

**TBD**

**Location**

Building A, Modular room