

Session Program

8-12 Jan 2018



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

Parallel Session 4

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

Thursday 11 January

16:30

Parallel Session 4: High Energy QCD

Session | **Location:** Building A, Auditorio Principal | **Convener:** Marat Siddikov

16:30–17:00 **Highlights from the HERMES experiment**

Speaker
Charlotte Van Hulse

17:00–17:20
Parton saturation scaling function for exclusive production of vector mesons and deeply virtual Compton scattering

Speaker
Mr Felipe G. Ben

17:20–17:40 **Einstein’s gravity from a polynomial affine model**

Speaker
Oscar Castillo-Felisola

17:40–18:00
Supersymmetric construction of self-consistent condensates in large N GN model: solitons on finite-gap potentials

Speaker
Adrián Arancibia

18:00

Friday 12 January

14:30

Parallel Session 4: Future Experiments II

Session | **Location:** Building A, Salon de Honor | **Convener:** Edson Carquin Lopez

14:30–15:00 Searching for New Physics with Belle II

Speaker

Steven Robertson

15:00–15:20 ATLAS Upgrades plan and progress (physics prospects)

Speaker

Richard Polifka

Location

Building A, Salon de Honor

15:20–15:40 Physics and detectors at the ILC

Speaker

Angel Christian Abusleme Hoffman

Location

Building A, Salon de Honor

15:40–16:00 Physics at CLIC

Speaker

Marco Aurelio Diaz Gutierrez

Location

Building A, Salon de Honor

16:00

16:30

Parallel Session 4: Beyond Standard Model

Session | **Location:** Building A, Salón de Honor | **Convener:** Juan Carlos Helo

16:30–17:00 Flavorful Leptogenesis (Remote talk)

Speaker

Bhupal Dev

17:00–17:20

Fermion Masses and Mixings and Dark Matter Constraints in a Model with Radiative Seesaw Mechanism

Speaker

Dr Antonio Enrique Cárcamo Hernández

Location

Building A, Salón de Honor

17:20–17:40

The role played by QCD corrections in neutrino-less double beta decay: A Summary

Speaker

Dr Marcela González

Location

Building A, Salón de Honor

17:40–18:00

Simplified Models of Dark Matter & Experimental Complementarity**Speaker**

Miguel D. Campos

Location

Building A, Salón de Honor

18:00–18:20

The Leptoquark Hunter's Guide: Pair Production**Speaker**

Mr Bastán Díaz

Location

Building A, Salón de Honor

18:20