Session Program

Jan 8 – 12, 2018

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

Parallel Session 4

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

Thu, January 11

4:30 PM

Parallel Session 4: High Energy QCD

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

4:30 – 5:00 PM **Highlights from the HERMES experiment**

Speaker
Charlotte Van Hulse

5:00 – 5:20 PM

Parton saturation scaling function for exclusive production of vector mesons and deeply virtual Compton scattering

Speaker
Mr Felipe G. Ben

5:20 – 5:40 PM **Einstein’s gravity from a polynomial affine model**

Speaker
Oscar Castillo-Felisola

5:40 – 6:00 PM

Supersymmetric construction of self-consistent condensates in large N GN model: solitons on finite-gap potentials

Speaker
Adrián Arancibia

6:00 PM

Fri, January 12

2:30 PM

Parallel Session 4: Future Experiments II

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

2:30 – 3:00 PM **Searching for New Physics with Belle II**

Speaker
Steven Robertson

3:00 – 3:20 PM **ATLAS Upgrades plan and progress (physics prospects)**

Speaker
Richard Polifka

Location
Building A, Salon de Honor

3:20 – 3:40 PM **Physics and detectors at the ILC**

Speaker
Angel Christian Abusleme Hoffman

Location
Building A, Salon de Honor

3:40 – 4:00 PM **Physics at CLIC**

Speaker
Marco Aurelio Diaz Gutierrez

Location
Building A, Salon de Honor

4:00 PM

4:30 PM

Parallel Session 4: Beyond Standard Model

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

4:30 – 5:00 PM **Flavorful Leptogenesis (Remote talk)**

Speaker
Bhupal Dev

5:00 – 5:20 PM

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

5:20 – 5:40 PM

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

Speaker
Dr Marcela González

Location
Building A, Salón de Honor

5:40 – 6:00 PM **Simplified Models of Dark Matter & Experimental Complementarity**

Speaker
Miguel D. Campos

Location
Building A, Salón de Honor

6:00 – 6:20 PM **The Leptoquark Hunter's Guide: Pair Production**

Speaker
Mr Bastán Díaz

Location
Building A, Salón de Honor

6:20 PM