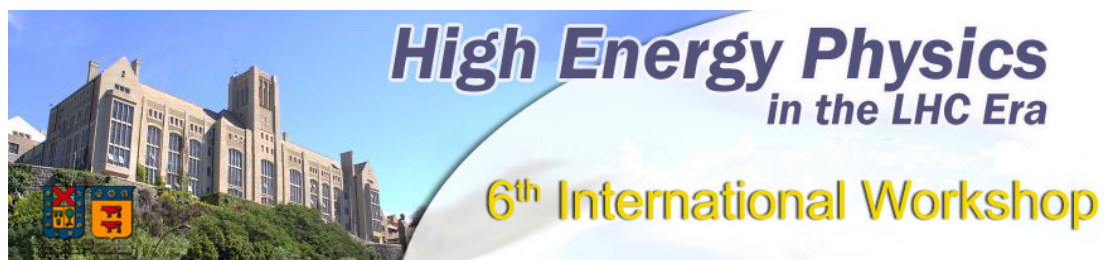


## **Session Program**

**6-12 Jan 2016**



# **6th International Workshop on High Energy Physics in the LHC Era**

## ***Dark Matter Searches / Astroparticle***

Universidad Técnica Federico Santa María, Valparaíso, Chile  
Avda. España 1680, Valparaíso, Chile

## Friday 8 January

14:30

### Dark Matter Searches / Astroparticle

Session | Location: UTFSM, Salon de Honor, Building A

14:30-14:50 **Dark matter and its possible connection with neutrino physics**

**Speaker**  
Eduardo Peinado

14:55-15:15 **Signatures from Scalar Dark Matter with a Vector-like Quark Mediator**

**Speaker**  
Michel Tytgat

15:20-15:40 **Baryogenesis from symmetry principle**

**Speaker**  
Chee Sheng Fong

15:45-16:05 **Toward a purely affine theory of gravity**

**Speaker**  
Oscar Castillo-Felisola

16:10

16:40

### Dark Matter Searches / Astroparticle

Session | Location: UTFSM, Salon de Honor, Building A

16:40-17:00 **Dark Matter searches at CMS**

**Speaker**  
Daniele Trocino

17:05-17:25 **Interpretations of IceCube High Energy Neutrino Events**

**Speaker**  
Boris PANES

17:30-17:50 **Axions in gravity with torsion**

**Speaker**  
Cristobal Corral

17:55