

Session Program

20-24 Nov 2015



Invisibles15 Workshop: "Invisibles Meets Visibles"

Higgs and collider physics

IFT (Madrid) and Thyssen-Bornemisza Museum

Friday 20 November

14:30

Higgs and collider physics

Session | **Location:** IFT, Orange room

14:30–14:50

Indirect Searches Illuminate Singlet - Doublet Dark Matter

Speaker

Dr Pantelis Tziveloglou

14:50–15:10

Singlino(-higgsino) dark matter at IceCube and LHC

Speaker

Dr Shoaib Munir

15:10–15:30

Discriminating between SUSY and Non-SUSY Higgs Sectors through the Ratio H to $b\bar{b}$ / H to $\tau\tau$

Speaker

Ernesto Arganda

15:30–15:50

Accurate determination of the Baryon and Dark Matter Abundance in Supersymmetric scenarios

Speaker

Giorgio Arcadi

15:50–16:10

More Higgses at LHC: the EW road to baryogenesis

Speaker

Jose Miguel No

16:10–16:30

Composite resonance effects on the EW chiral lagrangian at NLO

Speaker

Juan Jose Sanz-Cillero

16:30

Saturday 21 November

16:30

Higgs and collider physics

Session | **Location:** IFT, Orange room

16:30–16:50 **Scalar DM: from minimal to composite model**

Speaker

Laura Lopez Honorez

16:50–17:10 **Emergin jets from a dark sector**

Speaker

Pedro Klaus Schwaller

17:10–17:30

Making the Most of the Relic Density for Dark Matter Searches at the LHC 14 TeV Run

Speaker

Dr Thomas Jacques

17:30–17:50

Explaining the CMS $eejj$ excess with R-parity violating supersymmetry and implications for neutrinoless double beta decay

Speaker

Manimala Mitra

17:50–18:10

Measuring the Higgs coupling to light quarks

Speaker

Emmanuel Stamou

18:10–18:30

ALPs at colliders

Speaker

Ken Mimasu

18:30–18:50

Right-handed neutrinos and the Higgs boson

Speaker

Cedric Weiland

18:50