

Session Program

Jun 19 - 23, 2017



Invisibles 2015 Workshop

Dark Matter

IFT (Madrid)

Mon, June 19

2:30 PM

Dark Matter

Session | Location: IFT, Conference room

2:30 - 2:50 PM **Dwarf spheroidal galaxies as degenerate gas of free fermions**

Speaker

Dr Valerie Domcke

2:50 - 3:10 PM **Evidence of DM in the Sun?**

Speaker

Dr Aaron Vincent

3:10 - 3:30 PM

A taste of dark matter: Flavour constraints on pseudoscalar mediators

Speaker

Dr Felix Kahlhoefer

3:30 - 3:50 PM **The Flavour Portal to Dark Matter**

Speaker

Dr Bryan Zaldivar

3:50 - 4:10 PM

How to quantify the compatibility of DM direct detection experiments

Speaker

Dr Nassim Bozorgnia

4:10 - 4:30 PM **Multimediator models for the galactic center gamma ray excess**

Speaker

Prof. Zuowei Liu

4:30 PM

Tue, June 20

4:30 PM

Dark Matter

Session | Location: IFT, Conference room

4:30 - 4:50 PM

Constraints on leptophobic GeV DM from neutrino oscillation experiments

Speaker

Dr Pilar Coloma

4:50 - 5:10 PM

Antideuterons from Decaying Gravitino Dark Matter

Speaker

Timur Delahaye

5:10 - 5:30 PM

Halo-independent tests of dark matter direct detection signals

Speaker

Dr Juan Herrero Garcia

5:30 - 5:50 PM

Global constraints on vector-like effective WIMP interactions

Speaker

Dr Pedro Machado

5:50 - 6:10 PM

Local Z2 scalar dark matter model confronting galactic GeV-scale γ -ray and muon ($g-2$)

Speaker

Dr Wan-Il Park

6:10 - 6:30 PM

Anatomy of Coannihilation with a Scalar Top Partner

Speaker

Dr Stefan Vogl

6:30 - 6:50 PM

New Bounds on Monochromatic Neutrino Lines from DM Decays

Speaker

Michael Gustafsson

6:50 PM