

Session Program

20-24 Nov 2015



Invisibles15 Workshop: "Invisibles Meets Visibles"

Cosmology

IFT (Madrid) and Thyssen-Bornemisza Museum

Friday 20 November

14:30

Cosmology

Session | Location: IFT, Red room

14:30-14:50

eV sterile neutrinos problem and cosmological bounds for secret interactions

Speaker

Dr Ninetta Saviano

14:50-15:10

"Secret" neutrino interactions

Speaker

Dr Maria Archidiacono

15:10-15:30

Seesaw Scale vs Cosmology

Speaker

Dr Jacobo Lopez Pavon

15:30-15:50

Helicitogenesis: WIMPY baryogenesis with sterile neutrinos

Speaker

Dr Jean Racker

15:50-16:10

Testing leptogenesis at SHiP, BELLE and LHC

Speaker

Marco Drewes

16:10-16:30

A Fresh Look at keV Sterile Neutrino Dark Matter from Frozen-In Scalars

Speaker

Dr Adisorn Adulpravitchai

16:30

Saturday 21 November

16:30

Cosmology

Session | Location: IFT, Red Room

16:30-16:50 **Spiral Inflation**

Speaker

Gabriela Barenboim

16:50-17:10 **Search for the dark photon in π^0 decays**

Speaker

Michal Koval

17:10-17:30 **Effective Field Theory of Gravity and Dark Energy**

Speaker

Dr Alessandro Codello

17:30-17:50

Testing the homogeneity and isotropy of the Universe with recent observations

Speaker

Dr Elisabetta Majerotto

17:50-18:10

Robustness of cosmic neutrino background detection in the CMB

Speaker

Dr Viviana Niro

18:10-18:30

Understanding Inflation with Large-Scale Sctructure

Speaker

Dr Roland de Putter

18:30-18:50

On Planck CMB Anomalies, Alignments and Calibration

Speaker

Dr Alessio Notari

18:50