

Invisibles18 Workshop

Tuesday, September 4, 2018

Lunch with Poster Session - Mathematicum (12:30 PM - 2:30 PM)

time	[id] title	presenter
12:30 PM	[60] Lunch with Poster Session	
	- [1] Non-minimally coupled scalar dark matter from inflationary fluctuations (Gonzalo Alonso Álvarez)	ALONSO ÁLVAREZ, Gonzalo
	- [2] Testable ALP in the Minimal Linear Sigma Model (Javier Alonso González)	ALONSO GONZÁLEZ, Javier
	- [3] Dark matter search with the FUNK experiment (Arnaud Andrianavalomahefa)	ANDRIANAVALOMAHEFA, Arnaud
	- [4] The Minimal Flavour Violating Axion (Fernando Arias Aragón)	ARIAS ARAGÓN, Fernando
	- [5] Impact of Beyond the Standard Model Physics in the Detection of the Cosmic Neutrino Background (Martín Arteaga Tupia)	ARTEAGA TUPIA, Martín
	- [6] Charged Higgs Contribution into $B \rightarrow D^* \tau \tau$ -Antineutrino Semileptonic Decays in Left-Right Models (Mustafa Ashry)	ASHRY, Mustafa
	- [7] Dark Matter searches using flavor physics measurements in the framework of Effective Field Theory (Cristian Caniu Barros)	CANIU BARROS, Cristian
	- [8] ARS mechanism and beyond (Andrea Caputo)	CAPUTO, Andrea
	- [9] Surrogate Models for Direct Dark Matter Detection (Andrew Cheek)	CHEEK, Andrew
	- [10] Thermalization of inelastic dark matter in the Sun (Stefan Clementz)	CLEMENTZ, Stefan
	- [11] An EFT approach to lepton anomalies (Rupert Coy)	COY, Rupert
	- [12] Freezing dark matter through heavy spin-1 and spin-2 portals (Maira Dutra)	DUTRA, Maira
	- [13] Dark Matter Model or Mass: Benchmark-Free Forecasting for Future Detectors (Thomas Edwards)	EDWARDS, Thomas
	- [14] Constraints on neutrino matter potential and robustness of oscillation data (Ivan Esteban)	ESTEBAN, Ivan
	- [15] Singlet-Triplet Higgs portal Dark Matter (Anastasia Filimonova)	FILIMONOVA, Anastasia
	- [16] Vector Boson Scattering at the LHC: a promising route to new physics (Claudia Garcia-Garcia)	GARCIA-GARCIA, Claudia
	- [17] IceCube bounds on sterile neutrinos above 10 eV (Julia Gehrlein)	GEHRLEIN, Julia
	- [18] Probing the sterile neutrino portal to Dark Matter with γ rays (Miguel G. Folgado)	FOLGADO, Miguel G.
	- [19] Gravitational contributions to the beta function (Sergio Gonzalez-Martin)	GONZALEZ-MARTIN, Sergio
	- [20] Status of the eV Sterile Neutrino Oscillations (Alvaro Hernandez-Cabezudo)	HERNANDEZ-CABEZUDO, Alvaro
	- [21] The foreground effect on the J-factor estimation of dwarf spheroidal galaxies (Shunichi Horigome)	HORIGOME, Shunichi
	- [22] Singlet-Triplet Fermionic Dark Matter and LHC Phenomenology (Sarif Khan)	KHAN, Sarif

- [23] SO(10) Inspired Z' Models at the LHC (Simon King)	KING, Simon
- [24] Baryogenesis from R-parity breaking: the role of flavor (Fiona Kirk)	KIRK, Fiona
- [25] The dark-matter axion mass (Vincent Klaer)	KLAER, Vincent
- [26] Exchange-Correlation Effects in Axion Structure Formation (Erik Lentz)	LENTZ, Erik
- [27] General bounds on hidden CFTs (Kevin Max)	MAX, Kevin
- [28] Three-Flavoured Non-Resonant Leptogenesis at Intermediate Scales (Kristian Moffat)	MOFFAT, Kristian
- [29] Determining the Masses of Right-Handed Neutrinos in the Littlest Seesaw (Susana Molina Sedgwick)	SEDGWICK, Susana Molina
- [30] Unparticle Decay of Neutrinos and its Possible Signatures at a Km ² Detector for (3+1) Flavour Framework (Madhurima Pandey)	PANDEY, MADHURIMA
- [31] Axion minicluster power spectrum and mass function (Andreas Pargner)	PARGNER, Andreas
- [32] SO(10)xS ₄ Grand Unified Theory of Flavour and Leptogenesis (Elena Perdomo Mendez)	PERDOMO MENDEZ, Elena
- [33] Flavourful Z' portal for vector-like neutrino Dark Matter and RK(μ) (Mathias Pierre)	PIERRE, Mathias
- [34] KATRIN Background Characterization (Anna Pollithy)	POLLITHY, Anna
- [35] A study of invisible neutrino decay at DUNE and its effects on θ_{23} measurement (Dipyaman Pramanik)	PRAMANIK, Dipyaman
- [36] Colour Unified Heavy Axion (Pablo Quílez Lasanta)	QUÍLEZ LASANTA, Pablo
- [37] Status of the neutrinoless double-beta decay experiment GERDA (Chloe Ransom)	RANSOM, Chloe
- [38] Gauge legacy LHC run I (Nuno Filipe Rosa Agostinho)	FILIFE ROSA AGOSTINHO, Nuno
- [39] Predictive leptogenesis from Minimal Flavour Violation (Salvador Rosauero)	ROSAURO, Salvador
- [40] Probing Relic Neutrino Decays with 21 cm Cosmology (Rome Samanta)	SAMANTA, Rome
- [41] Quasi-local energy and compactification (Raquel Santos)	SANTOS, Raquel
- [42] Simulation of axion electrodynamics and its cosmological applications (Toyokazu Sekiguchi)	SEKIGUCHI, Toyokazu
- [43] Cosmological constraints with self-interacting sterile neutrinos (Ningqiang Song)	SONG, Ningqiang
- [44] Cosmological effects of DM-Photon scattering (Julia Stadler)	STADLER, Julia
- [45] Optical selection for Pandora-based electron neutrino searches in MicroBooNE (Wouter Van De Pontseele)	VAN DE PONTSEELE, Wouter
- [46] Detectable neutrino features of rotating supernova progenitors (Laurie Walk)	WALK, Laurie
- [47] Heavy neutral fermions at the high-luminosity LHC (Zeren Simon Wang)	WANG, Zeren Simon
- [48] Magic trick of the month: hiding blazars with decaying ALPs (Edoardo Vitagliano)	VITAGLIANO, Edoardo