

Invisibles 2021 Workshop

Monday 31 May 2021

PhD Forum (17:30 - 18:06)

time	[id] title	presenter
17:30	[222] Positivity bounds on Minimal Flavor Violation	GENDY ABD EL SAYED, Emanuele
17:36	[252] Lepton Flavor Violation in $b \rightarrow s\ell_1\ell_2$ processes	JAFFREDO, Florentin
17:42	[246] Lepton universality tests with dineutrino modes	BAUSE, Rigo
17:48	[211] More light on Higgs flavor at the LHC: Higgs couplings to light quarks through $h+\gamma$ production	CANO, Jose Manuel
17:54	[221] Fermion mass hierarchies from vector-like families with an extended 2HDM and a possible explanation for the electron and muon anomalous magnetic moments	LEE, Huchan
18:00	[243] Charting the Fifth Force Landscape	BANKS, Hannah

Tuesday 1 June 2021

PhD Forum (15:30 - 16:00)

time	[id] title	presenter
15:30	[207] An on-shell perspective on neutrino oscillations and non-standard interactions	MASSONI SALLA, Gabriel
15:36	[264] Enhanced violation of Leggett-Garg Inequality in three flavour neutrino oscillations via non-standard interactions	SHEEBA SHAFQAQ
15:42	[224] Constraining the tau-neutrino transition magnetic moment at DUNE	ZHOU, Albert
15:48	[200] GeV scale neutrinos: meson interactions and DUNE sensitivity	GONZÁLEZ-LÓPEZ, Manuel
15:54	[233] Flavoured leptogenesis and type-II seesaw mechanism with two Higgs triplet scalars	CHONGDAR, Sreerupa

PhD Forum (17:30 - 18:00)

time	[id] title	presenter
17:30	[245] NUCLEUS outer veto prototype for the CEuNS detection at nuclear reactors	BEATRICE MAURI
17:36	[232] Search for neutrinoless double beta decay of ^{128}Te with the CUORE experiment	DOMPÈ, Valentina DOMPÈ, Valentina
17:42	[262] Novel Active Noise Cancellation Algorithms for CUORE	VETTER, Kenny
17:48	[254] Neutrinoless Double Beta Decay with R-Parity Violating SUSY and Light Neutralinos	BOLTON, Patrick BOLTON, Patrick
17:54	[234] Relaxing Cosmological Neutrino Mass Bounds with Unstable Neutrinos	SANDNER, Stefan

Wednesday 2 June 2021

PhD Forum (15:30 - 16:00)

time	[id] title	presenter
15:30	[225] Phenomenological consequences of an interacting multicomponent dark sector	ACUÑA, Jan Tristram
15:36	[195] Searches for Dark Photons at Belle II	WAKAI, Miho
15:42	[259] Semi-visible dark photons as a solution to $(g-2)_\mu$	ABDULLAHI, Asli
15:48	[230] Dark Photon Searches at the PADME Experiment	LONG, Elizabeth
15:54	[241] Dark Matter in light flavored U(1)' gauge models	MANUEL GARCÍA DE LA VEGA, León

PhD Forum (17:30 - 18:00)

time	[id] title	presenter
17:30	[214] Accidental Dark Matter models	LANDINI, Giacomo
17:36	[261] Constraints on CP-Violating Higgs Portal Majorana Dark Matter	FRASER, Katherine
17:42	[257] A model independent probe for elusive dark sectors at future experiments	VERMA, Sonali
17:48	[253] Invisible traces of conformal symmetry breaking	KIERKLA, Maciej
17:54	[206] Mergers as a Probe of Particle Dark Matter	RAY, Anupam

Thursday 3 June 2021

PhD Forum (15:30 - 16:00)

time	[id] title	presenter
15:30	[270] One-loop corrections to ALPs effective couplings	JESÚS , Bonilla BONILLA, Jesus
15:36	[237] Revisiting $K \rightarrow \pi a$ decay	GUERRERA, Alfredo Walter Mario
15:42	[255] Searching for pseudo-Nambu-Goldstone boson dark matter production in association with top quarks	SCHULTE, Stefan
15:48	[197] Novel signatures of pseudo-Goldstone dark matter	RAMOS, Maria RAMOS, Maria
15:54	[226] Primordial gravitational waves revealed by a spinning axion	SIMAKACHORN, Peera

Friday 4 June 2021

PhD Forum (15:30 - 16:00)

time	[id] title	presenter
15:30	[244] Easing the σ_8 -tension with ν -DM interactions	MOSBECH, Markus Rasmussen
15:36	[227] Supernova constraints on dark flavor sectors	TEROL CALVO, Jorge
15:42	[204] Cuspy to cored galaxy profiles from late-time dark matter oscillations	PUEL, Matteo
15:48	[219] Abundance of LIGO/Virgo Black Holes from Quasar Microlensing	ESTEBAN GUTIÉRREZ, Ana ESTEBAN GUTIÉRREZ, Ana
15:54	[217] A negative cosmological constant in the dark sector?	CALDERON, Rodrigo