

27th International Symposium on Particles, Strings and Cosmology

Monday 25 July 2022

Parallel Session B: Flavor Physics - Central Seminar Room (14:00 - 15:30)

-Conveners: José Francisco Zurita

time	[id] title	presenter
14:00	[142] Flavor hierarchies, flavor anomalies, and the Higgs mass from a warped extra dimension	STEFANEK, Ben
14:18	[47] Neutrino mass and flavor anomalies	SAAD, shaikh
14:36	[34] Flavour anomalies, Light Dark Matter and rare B decays with missing energy in L_{μ} - L_{τ} model	MOHANTA, Dr. Rukmani
14:54	[54] Predictions for flavorful Z' searches from asymptotic safety	CHIKKABALLI, Abhishek
15:12	[85] Explaining recent anomalies in vector-like fermion extensions	Dr KAWAMURA, Junichiro

Parallel Session B: $g-2/EDM$ - Central Seminar Room (16:00 - 17:50)

-Conveners: Farinaldo Queiroz

time	[id] title	presenter
16:00	[158] Magnetic moment of the muon: the BMW lattice result	FODOR FOR THE BMW-COLLABORATION, Zoltan
16:18	[120] Probing the L_{μ} - L_{τ} Gauge Boson at the MUonE Experiment	NAGATA, Natsumi
16:36	[39] Muon ($g - 2$) and Thermal WIMP DM in $U(1)_{L_{\mu}-L_{\tau}}$ Models	Mr KIM, Jongkuk
16:54	[84] Improved indirect limits on muon EDM	EMA, Yohei

Tuesday 26 July 2022

Parallel Session B: BH/PBH - Central Seminar Room (11:00 - 12:30)

-Conveners: Florian Kühnel

time	[id] title	presenter
11:00	[107] Aspects of black holes and compact objects in Lorentz violating gravity	HERRERO VALEA, Mario
11:18	[100] Evaporating primordial black holes, the string axiverse, and hot dark radiation	CALZA, Marco
11:36	[58] Formation of PBHs during the QCD phase transition	ESCRIVÀ, Albert

Parallel Session B: Axion/ALP - Central Seminar Room (14:00 - 15:30)

-Conveners: Keisuke Harigaya

time	[id] title	presenter
14:00	[126] Flavored Axion Dark Matter in the Laboratory, the Stars and the Universe	ZIEGLER, Robert
14:18	[77] S.M.A.S.H.E.D- Standard Model Axion Seesaw Higgs (Inflation) Extended (for) Dirac (Neutrinos)	BERBIG, Maximilian
14:36	[128] Phenomenological impact of anomaly-free axion in three Higgs doublet model	SAKURAI, Kodai
14:54	[129] A heavy Axion from a Grand Color	VALENTI, Alessandro
15:12	[74] Axion quality from the symmetric of SU(N)	LANDINI, giacomo

Parallel Session B: Gravitational Waves - Central Seminar Room (16:00 - 17:30)

-Conveners: Michela Mapelli

time	[id] title	presenter
16:00	[32] Phase transitions in the early Universe with quantum corrections	CARRILLO GONZALEZ, Mariana
16:18	[163] Gravitational wave induced baryon acoustic oscillations	DÖRING, Christian
16:36	[67] Spectroscopy of Particle Couplings with Gravitational Waves	LOAYZA ROMERO, Nicolás
16:54	[71] Gravitational waves from spectator Gauge-flation	IARYGINA, Oksana
17:12	[82] Detectable Gravitational Wave Signals from Inflationary Preheating	SFAKIANAKIS, Evangelos

Wednesday 27 July 2022

Parallel Session B: Flavor Physics - Central Seminar Room (11:00 - 12:50)

-Conveners: Ferruccio Feruglio

time	[id] title	presenter
11:00	[122] A tale of invisibility: constraining new physics in $b \rightarrow s\nu\nu$	SCHMIDT, Michael
11:18	[165] Status of the $R_{D^{(*)}}$ anomaly and complementary LHC probes	Dr BLANKE, Monika
11:36	[72] Leptoquark manoeuvres in the dark: a simultaneous solution of the dark matter problem and the $RD^{(*)}$ anomalies	Dr ZURITA, José Francisco
11:54	[90] Puzzles in the $B^0_s \rightarrow D_s \mp K^{\pm}$ system: Do they indicate New Physics?	MALAMI, Eleftheria
12:12	[26] Recent results on B and D decay from Belle II	KIM, Doris Yangsoo

Thursday 28 July 2022

Parallel Session B: Axion/ALP - Central Seminar Room (11:00 - 12:30)

-Conveners: Pedro Schwaller

time	[id] title	presenter
11:00	[103] Cosmological and astrophysical constraints on decaying axion-like particles	KAHLHOEFER, Felix
11:18	[63] ALP Dark Matter from Kinetic Fragmentation: Opening up the parameter window and Observational Consequences	EROENCEL, Cem
11:36	[116] The importance of quantum loops for astrophysical ALPs	MÜLLER, Eike
11:54	[45] Recent Progress in Radio Searches for Dark Matter	MCDONALD, Jamie
12:12	[83] Searching for axion dark matter with magnons	ITO, Asuka