

ICHEP 2024

Thursday 18 July 2024

Beyond the Standard Model: Block 1 - South Hall 1A (08:30 - 10:15)

-Conveners: Michal Malinsky; Isabell Melzer-Pellmann

time	[id] title	presenter
08:30	[486] Searches for physics beyond the Standard Model at the Short-Baseline Near Detector	LI, Jiaoyang
08:47	[766] MicroBooNE's Beyond Standard Model Physics Program	Dr NAVRER-AGASSON, Anyssa
09:04	[1431] The BDF/SHIP experiment at the ECN3 high-intensity beam facility at the CERN SPS	GOLUTVIN, Andrei
09:21	[653] Neutrino masses from new Weinberg-like operators	VATSAYAN, Drona
09:38	[719] Neutrino masses and $\nu\beta\beta$ decays in leptoquark models	PIERRE SANTOS LEAL, Luighi

Beyond the Standard Model: Block 2 - South Hall 1A (10:45 - 12:30)

-Conveners: Michal Malinsky; Isabell Melzer-Pellmann

time	[id] title	presenter
10:45	[843] Dark Matter searches at LHCb	VOLLE, Felicia
11:02	[135] Dark Sector searches with electron and positron beams at NA64@CERN	MARINI, Anna
11:19	[1176] The search for $[K_L^0 \rightarrow \gamma + \text{dark} \text{ photon} (\bar{\gamma})]$ at the KOTO experiment.	WU, TONG
11:36	[1371] UV/IR flavour connection in axion models	PONCE DIAZ, Xavier
11:53	[422] Correlating neutrino magnetic moment and inert scalar dark matter in Type-III radiative scenario	MOHANTA, Rukmani
12:10	[998] Search for dark photons in heavy-ion collisions	ROMERO JORGE, Adrian William

Beyond the Standard Model: Block 3 - South Hall 1A (14:30 - 16:12)

-Conveners: Tina Potter; Sezen Sekmen

time	[id] title	presenter
14:30	[239] Natural anomaly-mediation from the landscape with implications for LHC SUSY searches	SENGUPTA, Dibyashree
14:47	[445] Searches for supersymmetry in non-minimal models	OSOJNAK, Lauren Melissa
15:04	[231] Stealth and RPV SUSY searches with CMS	ANGUIANO, Justin
15:21	[447] Search for electroweak supersymmetry with compressed spectra	STRUBIG, Antonia
15:38	[232] Recent searches for electroweak production of SUSY particles and third generation SUSY particles with CMS	LAZAROVITS, Margaret Rose

Beyond the Standard Model: Block 4 - South Hall 1A (16:45 - 18:30)**-Conveners: Isabell Melzer-Pellmann; Sezen Sekmen**

time	[id] title	presenter
16:45	[446] Searches for strong production of supersymmetric particles	RIMOLDI, Marco
17:02	[1249] Global LHC constraints on electroweak-inos with SModelS v2.3	PASCAL, Timothee
17:19	[1236] A SMEFT Analysis of Third-generation New Physics	ALLWICHER, Lukas
17:36	[369] How PDFs can conceal New Physics	MANTANI, Luca
17:53	[1339] Drell-Yan SMEFT at NLO	BELLAFRONTI, Luigi

Friday 19 July 2024

Beyond the Standard Model: Block 5 - South Hall 1A (08:30 - 10:15)

-Conveners: Tina Potter; Michal Malinsky

time	[id] title	presenter
08:30	[138] An alternative form of supersymmetry with reduced cross-sections and modified experimental signatures	ALLEN, Roland
08:47	[767] Search for CPT and Lorentz Invariance Violation Effects in the Muon g-2 Experiment at Fermilab.	MITRA, Baisakhi
09:04	[115] Baryon/Lepton number violation searches at BESIII	ZHAO, Minggang
09:21	[116] Charged lepton flavor violation searches at BESIII	YOU, Zhengyun
09:38	[41] Search for effective Lorentz and CPT violation using ZEUS data	LORKOWSKI, Florian
09:55	[995] Search for neutron conversions with the HIBEAM/NNBAR experiment	MILSTEAD, David Anthony

Beyond the Standard Model: Block 6 - South Hall 1A (10:45 - 12:30)

-Conveners: Michal Malinsky; Tina Potter

time	[id] title	presenter
10:45	[65] Generic tests of CP-violation for high-pT multi-leptons	Dr BAR-SHALOM, Shaouly
11:02	[187] A minimalistic perspective on neutrino CP-violation and Leptogenesis: Modular Invariance	PARRICIATU, Matteo
11:19	[1392] Deconstructing flavor anomalously	Dr M. LIZANA, Javier
11:36	[1296] Combined upper limits on lepton-flavor-violating tau branching fractions	BANERJEE, Swagato
11:53	[996] Fermion mass hierarchy in an extended left-right symmetric model	Dr CÁRCAMO HERNÁNDEZ, Antonio Enrique
12:10	[1252] Trinification from a complete E_6 GUT model	Dr SUSIČ, Vasja

Beyond the Standard Model: Block 7 - South Hall 1A (14:30 - 16:15)

-Conveners: Isabell Melzer-Pellmann; Sezen Sekmen

time	[id] title	presenter
14:30	[453] Model Independent Bounds on Left-Right Gauge Boson Masses from LHC Run 2 and Flavour Observables	FERRANDO SOLERA, Sergio
14:47	[195] Searches for new physics in CMS in events with photons in the final state	BABBAR, Jyoti
15:04	[249] BSM Searches at ILC	NUNEZ PARDO DE VERA, Maria Teresa
15:21	[1134] BSM Search potential at CEPC	ZHUANG, Xuai
15:38	[623] Revisiting experimental mass limits on HECOs using Dyson-Schwinger resummation	MUSUMECI, Emanuela

Beyond the Standard Model: Block 8 - South Hall 1A (16:45 - 18:30)

-Conveners: Michal Malinsky; Tina Potter

time	[id] title	presenter
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16:45	[897] Constraints on New Physics couplings from $\mu^+ \rightarrow \mu^* (\mu \mu) \ell \mu^+$ analysis	LOSACCO, Nicola
17:02	[373] Signatures of Light New Particles in $B \rightarrow K^{(*)} E_{\text{miss}}$	Dr NOVOA-BRUNET, Martin
17:19	[779] First Search for $K^0_L \rightarrow \pi^0 e^+ e^- e^+ e^-$ Decay Mode	LI, Xiangchen
17:36	[1211] The X17 search with the MEG II apparatus	PAPA, Angela
17:53	[351] Implications of X17 boson to (D) meson, Charmonium, and (ϕ) meson decays	Ms THI THUC UYEN, LAM

Saturday 20 July 2024

Beyond the Standard Model: Block 9 - South Hall 1A (08:30 - 10:15)

-Conveners: Sezen Sekmen; Isabell Melzer-Pellmann

time	[id] title	presenter
08:30	[199] Searches for New Resonances in CMS	ZISOPOULOS, Ilias
08:47	[558] ATLAS Exotic Heavy Resonance Searches	DE LA TORRE PEREZ, Hector
09:04	[217] Searches for vector-like quarks at CMS	SAHA, Prafulla
09:21	[561] ATLAS Searches for Lepto-Quarks and Vectorlike-Quarks	PETERS, Krisztian
09:38	[203] Searches for Leptoquarks with the CMS Detector at the LHC	REIMERS, Arne Christoph
09:55	[218] Search for new resonances coupling to third generation quarks at CMS	LABE, Finn Jonathan

Beyond the Standard Model: Block 10 - South Hall 1A (10:45 - 12:30)

-Conveners: Michal Malinsky; Sezen Sekmen

time	[id] title	presenter
10:45	[518] Searches for boosted resonances in hadronic final states	LI, Ke
11:02	[219] Searches for heavy resonances decaying into Z, W and Higgs bosons at CMS	HUNDHAUSEN, Daniel
11:19	[220] Search for new resonances decaying into two Higgs bosons at CMS	ASAWATANGTRAKULDEE, Chayanit
11:36	[562] ATLAS Exotic Dijet Searches	TSISKARIDZE, Vakhtang
11:53	[188] Searches for Heavy Neutral Leptons in CMS	KWOK, Ka Hei Martin
12:10	[726] Z' boson mass reach and discrimination at muon colliders	LOESCHNER, Maximilian

Beyond the Standard Model: Block 11 - South Hall 1A (14:30 - 16:15)

-Conveners: Tina Potter; Isabell Melzer-Pellmann

time	[id] title	presenter
14:30	[494] BSM physics and Heavy neutral lepton searches at FCC-ee	VALLE, Nicolo
14:47	[343] Scalar leptoquarks in flavour physics	FAJFER, S
15:04	[609] Exclusion bounds for neutral gauge bosons	PÉLI, Zoltán
15:21	[674] Deciphering the Secrets of the Long-Lived Particles at the Colliders	PARASHAR, Snehashis
15:38	[540] Recent results on long-lived particles in ATLAS	SMITH, Andrew Caldon
15:55	[189] Searches in CMS for long-lived particles and other non-conventional signatures	ESCALANTE DEL VALLE, Alberto

Beyond the Standard Model: Block 12 - South Hall 1A (16:45 - 18:30)

-Conveners: Tina Potter; Isabell Melzer-Pellmann

time	[id] title	presenter
16:45	[208] New Physics Results from the FASER Experiment	MACDONALD, Jack

17:02	[480] First NA62 search for long-lived new physics particle hadronic decays	LEZKI, Samet
17:19	[32] The MoEDAL-MAPP New Physics Search Facility at the LHC - Transcending the Standard Model	UPRETI, Aditya
17:36	[1242] Searches for long-lived particles with ANUBIS: sensitivity projections	BRANDT, Oleg
17:53	[196] Probing new physics with dedicated data streams at CMS	DIAZ, Daniel