

The XXVIII International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2021)

Monday, 23 August 2021

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (10:35 - 11:35)

-Conveners: Zhaofeng Kang

time	[id] title	presenter
10:35	[418] Search for new physics with unconventional signatures in CMS	CHOU, John Paul
10:55	[325] Uncovering quirk signal with energy loss inside tracker	PEI, Junle
11:15	[56] Machine Learning the Higgs-top CP Measurement	BARMAN, Rahool

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (13:30 - 15:30)

-Conveners: Shufang Su

time	[id] title	presenter
13:30	[23] Possible indications for new Higgs bosons in the reach of the LHC: N2HDM and NMSSM interpretations	BIEKOETTER, Thomas
13:50	[42] A 96 GeV Higgs boson in the 2HDMS	LI, Cheng
14:10	[264] The forgotten channels: charged Higgs boson decays to a W^\pm and a non-SM-like Higgs boson	WITTBRODT, Jonas
14:30	[321] Displaced Higgs production in Type-III Seesaw at the LHC/FCC, MATHUSLA and Muon collider	SEN, Chandrima
14:50	[421] Searches for heavy resonances decaying into Z, W, and Higgs bosons at CMS	GUO, Qilong

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (16:00 - 18:00)

-Conveners: Xin Gao

time	[id] title	presenter
16:00	[441] Searches for leptoquarks with the ATLAS detector	MANN, Alexander
16:20	[422] Search for new resonances coupling to third generation quarks at CMS	PICCINELLI, Andrea
16:40	[446] Missing Transverse Momentum Reconstruction in ATLAS	PACEY, Holly
17:00	[47] On the feasibility of Bell Inequality violation at ATLAS experiment with flavor entanglement of B meson pairs from proton-proton collisions	TAKUBO, Yosuke
17:20	[445] Hadronic Reconstruction Techniques at ATLAS	HODGKINSON, Mark
17:40	[34] Higgs as a probe of beyond the Standard Model physics	DAS, Arindam

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (22:35 - 23:35)

-Conveners: Robin Erbacher

time	[id] title	presenter
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22:35	[414] Searches for new physics in events with leptons in the final state in CMS	KARACHEBAN, Olena
22:55	[249] Probing MeV-scale Scalar Bosons in association with TeV-scale Vectorlike Fermions in U(1)T3R at the LHC	JULSON, Dale Adam
23:15	[443] Searches for vector-like quarks with the ATLAS detector	SINERVO, Pekka

Tuesday, 24 August 2021

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (10:35 - 11:55)

-Conveners: Robin Erbacher

time	[id] title	presenter
10:35	[312] Tumblers: A Novel Collider Signature for Long-Lived Particles	Prof. THOMAS, Brooks
10:55	[106] Triggering long-lived particles in HL-LHC and the challenges in the first stage of the trigger system	SOLANKI, Prabhat
11:15	[417] Search for long-lived particles in CMS	LUO, Jingyu

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (13:30 - 15:30)

-Conveners: Eung Jin Chun

time	[id] title	presenter
13:30	[390] Vector-Like Leptons and Inert Scalar Triplet: Lepton Flavor Violation, $g-2$ and Collider Searches	JESUS, Álvaro
13:50	[357] Constraints on the B-anomalies-motivated U1 leptoquark parameters from the LHC data	Mr BHASKAR, Arvind
14:10	[160] Anomalous magnetic moments from asymptotic safety	STEUDTNER, Tom
14:30	[319] Distinguishing signatures of scalar leptoquarks at the LHC and Muon colliders	BANDYOPADHYAY, Priyotosh
14:50	[57] A search for the low-lying SUSY spectrum at the LHC consistent with the recent muon $g-2$ result	ABOU IBRAHIM, Amin

Wednesday, 25 August 2021

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (13:30 - 15:30)

-Conveners: Ning Chen

time	[id] title	presenter
13:30	[271] Enhanced Long-Lived Dark Photon Signals at the LHC	DU, Mingxuan
13:50	[444] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector	GIAGU, Stefano
14:10	[163] Long-lived particles searches at LHCb	REDI, Federico Leo
14:30	[226] Search for a light Z' at LHC in a neutrinophilic $U(1)$ model	BARIK, anjan
14:50	[371] Charming ALPs	SCHERB, Christiane
15:10	[275] Looking for beyond the Standard Model interactions of neutrinos and light dark matter with secondary production	JODLOWSKI, Krzysztof

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (16:00 - 18:00)

-Conveners: Eung Jin Chun

time	[id] title	presenter
16:00	[332] Investigating New Physics Models with Signature of Same-Sign Diboson $+\{E\!\!/ \}_T$	SENGUPTA, Dibyashree
16:20	[269] Minimal and non-minimal Universal Extra Dimension models in the light of LHC data at 13 TeV	Mr ., Avnish
16:40	[343] Segregating BSM models at Present and Future Colliders based on Spin and Isospin Representations	Dr DUTTA, Saunak
17:00	[284] Revisiting Type-II see-saw: Present Limits and Future Prospects at LHC	ASHANUJJAMAN, Saiyad
17:20	[53] Chasing the Higgs shape at HL-LHC	RAY, Tirtha Sankar
17:40	[447] Jet flavour tagging for the ATLAS Experiment	SHLOMI, Jonathan

Thursday, 26 August 2021

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (10:10 - 11:30)

-Conveners: Zhaofeng Kang

time	[id] title	presenter
10:10	[90] A Suppressed Higgs coupling in a classically conformal extension of the Standard Model	BAULES, Victor
10:30	[366] New bounds on sparticle masses through rare signals and collider searches	GILMER, Humberto
10:50	[345] Non-Minimal Dark Sectors: Mediator-induced Decay Chains and Multi-Jet Collider Signatures	SONG, Huayang
11:10	[64] Light hidden mesons inspired by neutral naturalness and SUSY	LI, LINGFENG

Searches for the BSM Physics at the LHC and Future Hadronic Colliders (13:30 - 15:30)

-Conveners: Shufang Su

time	[id] title	presenter
13:30	[413] Searches for new physics in events with jets in the final state in CMS	TZIAFERI, Eirini
13:50	[326] Highly Boosted Higgs Bosons and Unitarity in Vector-Boson Fusion at Future Hadron Colliders	ZHAO, Zhijie
14:10	[439] Searches and techniques for boosted resonances (non-diboson) with the ATLAS detector	VILLAPLANA, Miguel
14:30	[420] Searches for vector-like quarks at CMS	CARNEVALI, Francesco
14:50	[442] Searches for new physics with leptons using the ATLAS detector	VERGIS, Christos