

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

Monday 23 August 2021

Supersymmetry: Models, Phenomenology and Experimental Results (10:35 - 11:35)

-Conveners: Carlos E.M. Wagner

time	[id] title	presenter
10:35	[8] Natural SUSY emergent from the landscape	BAER, Howard
10:55	[142] Diluting SUSY flavour problem on the Landscape	LAMBA, Priyanka
11:15	[183] Linking the Supersymmetric Standard Model to the Cosmological Constant	QIU, Yucheng

Supersymmetry: Models, Phenomenology and Experimental Results (16:00 - 18:00)

-Conveners: Jia Liu

time	[id] title	presenter
16:00	[21] Vacuum (meta-)stability in the μ -SSM	BIEKOETTER, Thomas
16:20	[365] Phenomenological Study of the Semi-constrained NMSSM	Dr WANG, Kun
16:40	[373] Proton Lifetime in Minimal SU(5)	UN, Cem Salih
17:00	[407] Searches for supersymmetry in hadronic final states with the CMS detector	MANDAL, Koushik
17:20	[430] Searches for strong production of supersymmetric particles with the ATLAS detector	TODOME, Kazuki

Supersymmetry: Models, Phenomenology and Experimental Results (22:35 - 23:35)

-Conveners: Stefan Guindon

time	[id] title	presenter
22:35	[431] Searches for direct pair production of third generation squarks with the ATLAS detector	MORENO MARTINEZ, Carlos
22:55	[408] Searches for third generation squarks with the CMS detector	SMITH, Caleb James
23:15	[399] Prospects for Stau Searches and Measurements at the ILC	BERGGREN, Mikael BERGGREN, Mikael

Tuesday 24 August 2021

Supersymmetry: Models, Phenomenology and Experimental Results (16:00 - 18:00)

-Conveners: Xiaoping Wang

time	[id] title	presenter
16:00	[188] Two-Loop $\mathcal{O}(\alpha_t + \alpha_\lambda + \alpha_\kappa)^2$ Corrections to the Higgs Boson Masses in the CP-Violating NMSSM	Dr DAO, Thi Nhung
16:20	[232] Loop-corrected Higgs Masses in the NMSSM with Inverse Seesaw Mechanism	PHAN, Anh Vu
16:40	[28] Full NLO corrections to charged Higgs boson decays in the NMSSM	SAKURAI, Kodai
17:00	[101] Maximally Symmetric Three Higgs Doublet Model	DARVISHI, Neda
17:20	[432] Searches for charginos and neutralinos with the ATLAS detector	ALDERWEIRELDT, Sara
17:40	[258] Precise Higgs mass predictions for multi-scale hierarchies with FeynHiggs	BAHL, Henning

Supersymmetry: Models, Phenomenology and Experimental Results (22:30 - 23:30)

-Conveners: Iacopo Vivarelli

time	[id] title	presenter
22:30	[409] Electroweak SUSY in leptonic final states with the CMS detector	SALYER, Kaitlin
22:50	[436] Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum with the ATLAS experiment	OKAZAKI, Yuta OKAZAKI, Yuta
23:10	[410] Searches for supersymmetry in tau final states with the CMS detector	KARMAKAR, Saikat

Wednesday 25 August 2021

Supersymmetry: Models, Phenomenology and Experimental Results (16:00 - 18:00)

-Conveners: Hao Zhang

time	[id] title	presenter
16:00	[18] Probing heavy scalar in supersymmetric final states	Dr ADHIKARY, Amit
16:20	[44] Probing Theories with Reduced Couplings at Future Colliders	PATELLIS, Grigorios
16:40	[68] Searching for Compressed Top Partners in the CMS Open Data	AN, Haipeng
17:00	[354] Long lived NMSSM :Analysing some long lived NSLP signatures in the NMSSM	DE, Amandip
17:20	[438] Search for long-lived charginos based on a disappearing-track signature with the ATLAS experiment	GESSINGER, Paul
17:40	[434] ATLAS searches for supersymmetry with long-lived particles	THOMPSON, Emily Anne

Supersymmetry: Models, Phenomenology and Experimental Results (22:35 - 23:35)

-Conveners: Iacopo Vivarelli

time	[id] title	presenter
22:35	[433] Searches for sleptons with the ATLAS detector	ROSSINI, Lorenzo
22:55	[411] Search for supersymmetry in compressed scenario's with the CMS detector	RATHJENS, Denis
23:15	[398] Prospects for Chargino Searches and Measurements at the ILC	NUNEZ PARDO DE VERA, Maria Teresa

Thursday 26 August 2021

Supersymmetry: Models, Phenomenology and Experimental Results (16:00 - 18:00)

-Conveners: Lei Wu

time	[id] title	presenter
16:00	[19] A relatively light, highly bino-like dark matter in the $U(1)$ -symmetric NMSSM and recent LHC searches	Mr ROY, Subhojit
16:20	[198] Probing mild-tempered neutralino dark matter through top-squark production at the LHC	ROY, Arnab
16:40	[227] Signals from Light Sneutrino Dark Matter at future e^+e^- Colliders	LIU, YI
17:00	[333] Anapole Moment of Majorana Fermions and Implications for Direct Detection of Neutralino Dark Matter	REICHARD, Merlin
17:20	[341] Multi-scalar signature of self-interacting dark matter in the NMSSM and beyond	ZHANG, Cong

Supersymmetry: Models, Phenomenology and Experimental Results (22:35 - 23:35)

-Conveners: Stefan Guindon

time	[id] title	presenter
22:35	[412] Searches for R-parity violating SUSY with the CMS detector	MADRID, Christopher
22:55	[437] Search for R-parity violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment	ERRENST, Martin
23:15	[435] Exploring the frontier of R-parity-violating supersymmetry with the ATLAS detector	FELIGIONI, Lorenzo

Friday 27 August 2021

Supersymmetry: Models, Phenomenology and Experimental Results (16:00 - 18:00)

-Conveners: Andrew Fowlie

time	[id] title	presenter
16:00	[22] The new ``MUON G-2" Result and Supersymmetry	SAHA, Ipsita CHAKRABORTI, Manimala HEINEMEYER, Sven
16:20	[67] Supersymmetric Alignment Models for muon g-2	SUZUKI, Motoo
16:40	[79] Muon g-2 and implications for physics beyond the SM	STOECKINGER, Dominik
17:00	[457] Gluino-SUGRA Type Scenarios In Light of FNAL Muon g-2 Anomaly	Prof. WANG, Fei

Supersymmetry: Models, Phenomenology and Experimental Results (22:35 - 23:35)

-Conveners: Bhujyo Bhattacharya

time	[id] title	presenter
22:35	[367] Phenomenological predictions in supersymmetric scenarios with non-minimal flavour violation	Mr UHLRICH, Grégoire
22:55	[115] muon g-2 and the B-physics anomalies in RPV supersymmetry and the discovery prospect at LHC	XU, Fang
23:15	[336] Four-top quark signatures through the lens of color-octet scalars	MURPHY, Taylor