

30th International Symposium on Lepton Photon Interactions at High Energies

Monday 10 January 2022

Beyond the Standard Model: Poster session (16:15 - 17:15)

time	[id] title	presenter
16:16	[237] Searches for vector-like quarks and leptons at CMS	RASTOGI, Angira
16:17	[213] Theory and phenomenology of BSM dark mesons	LI, LINGFENG
16:18	[156] Implications of A_4 modular symmetry on neutrino mass, mixing and leptogenesis with linear seesaw	MOHANTA, Rukmani
16:19	[238] Search for long-lived Heavy Neutral Leptons with the CMS experiment	VERMASSEN, Basile
16:20	[108] Search for light long-lived neutral particles that decay to collimated pairs of leptons or light hadrons with the ATLAS detector and the full Run-II Data at LHC	BIONDINI, Alessandro
16:21	[119] Combination of searches for resonant and non-resonant Higgs boson pair production in the $b\bar{b}\gamma$, $b\bar{b}\tau\tau$ and $b\bar{b}b\bar{b}$ decay channels using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detectors = 13 TeV with the ATLAS detector	CHENG, Alkaid
16:22	[109] Search for di-jet resonances along with an isolated charged lepton at $\sqrt{s} = 13$ TeV pp collision with the ATLAS detector	ISLAM, Wasikul
16:23	[55] The full electroweak $\mathcal{O}(\alpha)$ corrections to charged Higgs pair production via photon-photon collisions	Dr DEMIRCI, Mehmet

Beyond the Standard Model: 1 (17:30 - 19:00)

-Conveners: Heidi Marie Schellman

time	[id] title	presenter
17:30	[288] High p_T searches for BSM physics	EVERAERTS, Pieter
18:00	[289] Searches for long lived particles	REDI, Federico Leo
18:30	[290] BSM Physics : theoretical overview	AGRAWAL, Prateek

Tuesday 11 January 2022

Beyond the Standard Model: Parallel 1 (14:00 - 16:00)

-Conveners: Pieter Everaerts

time	[id] title	presenter
14:00	[102] Searches for Higgs boson pair production with the full LHC Run 2 dataset in ATLAS	GUO, Linghua
14:20	[241] Searches for extended Higgs sectors and BSM decays of the Higgs boson	MAJUMDER, Devdatta
14:40	[4] New channels for light charged Higgs boson searches at the LHC	KRAB, Mohamed
15:00	[250] Searches for supersymmetry in hadronic final states with the CMS experiment	WILSON, Jon
15:20	[103] Searches for Supersymmetry with the ATLAS detector	STARK, Giordon Holtsberg
15:40	[251] Searches for supersymmetry in leptonic final states with the CMS experiment	HELLER, Ryan

Wednesday 12 January 2022

Beyond the Standard Model: Parallel 2 (09:00 - 11:00)

-Conveners: Federico Leo Redi

time	[id] title	presenter
09:00	[235] Search for heavy resonances decaying to bosons and for new resonances coupling to third generation quarks at CMS	LYU, Xudong
09:20	[100] Performance of boosted boson/top taggers, including applications in physics analyses in ATLAS	LIU, Yanlin
09:36	[232] Searches for new physics in CMS in events with jets, leptons and photons in the final state	RASTOGI, Angira
09:56	[96] Searches for new physics with leptons using the ATLAS detector	WIELERS, Monika
10:12	[97] Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector	BURGER, Angela Maria
10:28	[95] Searches for leptoquarks with the ATLAS detector	VAZQUEZ SCHROEDER, Tamara
10:44	[98] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector	GUSTAVINO, Giuliano

Beyond the Standard Model: Parallel 3 (11:20 - 13:00)

-Conveners: Federico Meloni

time	[id] title	presenter
11:20	[230] Direct searches for lepton flavour anomalies	KILMINSTER, Ben
11:40	[233] Search for Dark Matter and new physics with long-lived and unconventional signatures in CMS	ESCALANTE DEL VALLE, Alberto
12:00	[205] Dark matter as the origin of neutrino mass in the inverse seesaw mechanism	Dr MANDAL, Sanjoy
12:20	[138] The THDMa and possible e+e- signatures	ROBENS, Tania Natalie
12:40	[252] Astroparticle and Beyond the Standard Model Capabilities and Results from MicroBooNE	NAVRER-AGASSON, Anyssa