

Higgs Couplings 2018

Thursday, 29 November 2018

Parallel: Parallel session1 (precision measurement/EFT) - KFC Hall Annex (14:00 - 15:30)

time	[id] title	presenter
14:00	[1] High precision Higgs phenomenology from NNLOJET (10+5)	CHEN, Xuan
14:15	[92] Optimising the performance of the CMS Electromagnetic Calorimeter to measure Higgs properties during Phase I and Phase II of the LHC (10+5)	PETYT, David Anthony
14:30	[55] Standard Model Effective Theory at NLO in QCD (10+5)	MIMASU, Ken
14:45	[93] Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment (10+5)	SCHOPF, Elisabeth
15:00	[94] Symmetry and geometry in generalized Higgs sector - Finiteness of oblique corrections v.s. perturbative unitarity (10+5)	UCHIDA, Yoshiki
15:15	[64] Differential decay rates of CP-even and CP-odd Higgs bosons to massive quarks at NNLO QCD (10+5)	Mr CHEN, Long

Parallel: Parallel session2 (dihiggs/collider analysis) - Room 107 (10F) (14:00 - 15:30)

time	[id] title	presenter
14:00	[60] High Precision Vector Boson Fusion Dihiggs Production (10+5)	KARLBERG, Alexander
14:15	[67] Double-Higgs boson production at NLO in the high-energy limit (10+5)	MISHIMA, Go
14:30	[98] A search for Higgs boson pair production in the bbtatau decay channel with the ATLAS detector (10+5)	PARKER, Adam Jackson
14:45	[68] Higgs Boson Pair Production via Gluon Fusion: Full NLO QCD Corrections (10+5)	GLAUS, Seraina
15:00	[89] HH production from Vector Boson Scattering: an efficient test of the Higgs selfcoupling at the LHC (10+5)	HERRERO, maria
15:15	[91] Machine learning with augmentation for boosting di-Higgs searches (10+5)	CHO, Won Sang

Parallel: Parallel session3 (beyond the Standard model) - Room 108 (10F) (14:00 - 15:30)

time	[id] title	presenter
14:00	[101] Estimation of backgrounds with non-prompt leptons in same sign multi-leptonic signatures of the ttH analysis at ATLAS (10+5)	MILESI, Marco
14:15	[66] MSSM Higgs Boson Searches at the LHC: Benchmark Scenarios for Run 2 and Beyond (10+5)	SLAVICH, Pietro
14:30	[102] A search for pairs of highly collimated groupings of photons in pp collisions at 13 TeV with the ATLAS detector (10+5)	KANO, Yuya
14:45	[90] Higgs decays at full one loop and beyond in the (N)MSSM (10+5)	HEINEMEYER, Sven
15:00	[103] Searches for Dark Matter produced in association with the Higgs boson at the CMS experiment (10+5)	DE FILIPPIS, Nicola

Parallel: YS session 1 - KFC hall annex (15:45 - 17:00)

time	[id] title	presenter
15:45	[95] Cross-section measurement in the $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ channel with the ATLAS Detector (9+3)	GUGEL, Ralf
15:57	[71] Associated Higgs Boson Production via Flavour-Tagging in NNLOJET (9+3)	MAJER, Imre
16:09	[72] Probing shape of the Higgs sector by precise calculations of Higgs decay rates (9+3)	SAKURAI, Kodai
16:21	[96] Higgs boson production in decays to two tau leptons using the ATLAS detector (9+3)	MLYNARIKOVA, Michaela
16:33	[83] SFitter EFT fit with LHC Run II data (9+3)	BIEKOETTER, Anke
16:45	[84] Matching scalar couplings between general renormalisable theories (9+3)	BRAATHEN, Johannes

Parallel: YS session 2 - Room 107 (10F) (15:45 - 17:00)

time	[id] title	presenter
15:45	[3] Flavor Violating Higgs Couplings in Minimal Flavor Violation (9+3)	HE, Min
15:57	[99] Observation of $H \rightarrow bb$ decays and VH production with the ATLAS detector (9+3)	MA, Yanhui
16:09	[4] Asymptotic Safety and the Higgs Portal Models (9+3)	KWAPISZ, Jan
16:21	[6] Associated production of Higgs at linear collider in Seesaw Type II Model (9+3)	RAHILI, LARBI
16:33	[100] Search for boosted $t\bar{t}H(H \rightarrow bb)$ with the ATLAS detector (9+3)	WINKELS, Emma
16:45	[56] Effect of Gauge Kinetic Mixing on Higgs Sector in B-L Supersymmetric Standard Model (9+3)	MUKHERJEE, Samadrita

Parallel: YS session 3 - Room 108 (10F) (15:45 - 17:00)

time	[id] title	presenter
15:45	[54] Dark Matter EFT with Extended Scalar Sector (9+3)	TENORTH, Valentin
15:57	[80] Test of the $R(D^{(*)})$ anomaly at the LHC (9+3)	IGURO, Syuhei
16:09	[104] Search for the Higgs boson decay to a pair of muons with the ATLAS detector at the LHC (9+3)	ZGUBIC, Miha
16:21	[82] Indirect search for CP-violation in the Higgs sector by the precision test of Higgs couplings (9+3)	KUBOTA, Mitsunori
16:33	[105] Challenges and plans in search for Higgs decays to Invisible particles via VBF production with the ATLAS detector in Run II (9+3)	ZOU, Rui
16:45	[106] Searches for boosted low mass resonances decaying to b quarks with the ATLAS detector (9+3)	FEICKERT, Matthew

Parallel: Parallel session4 (precision measurement/EFT) - KFC hall annex (17:15 - 18:45)

time	[id] title	presenter
17:15	[5] Dimension-Six Effective Field Theory for Vector Boson Scattering (10+5)	GOMEZ-AMBROSIO, Raquel

17:30	[59] Positivity bounds on vector boson scattering (10+5)	ZHANG, Cen
17:45	[97] Measurement of Higgs production cross sections in the four lepton channel at 13 TeV with the ATLAS detector (10+5)	WANG, Rongkun
18:00	[61] Production and hadronic decays of Higgs bosons in heavy-ion collisions (10+5)	JUEID, Adil
18:15	[85] Direct measurement of the Higgs self-coupling in $e+e- \rightarrow ZH$ (10+5)	NAKAMURA, Junya
18:30	[86] Probing top-quark couplings indirectly at Higgs factories (10+5)	DURIEUX, Gauthier

Parallel: Parallel session5 (dihiggs/collider analysis) - Room 107 (10F) (17:15 - 18:45)

time	[id] title	presenter
17:15	[70] Coupling strength and CP properties in Higgs \rightarrow tau tau at ILC (10+5)	JEANS, Daniel
17:30	[57] Constraints on Higgs couplings from double-Higgs production at future hadron colliders (10+5)	ROTTOLI, Luca
17:45	[76] Higgs self-coupling projections at the ILC (10+5)	TIAN, Junping
18:00	[75] Another Higgs production at ILC250 (10+5)	MAWATARI, Kentarou
18:15	[79] Prospects of measuring Higgs boson decays into muon pairs at the International Linear Collider (10+5)	KAWADA, Shin-ichi
18:30	[81] Probing the nature of Higgs boson by colliders in synergy with gravitational waves (10+5)	HUANG, Fa Peng

Parallel: Parallel session6 (beyond the standard model) - Room 108 (10F) (17:15 - 18:45)

time	[id] title	presenter
17:15	[107] Searches for light Higgs bosons at CMS (10+5)	TAO, Junquan
17:30	[87] Sensitivity to anomalous VVH couplings at the ILC (10+5)	FUJII, Keisuke
17:45	[65] Constraining right handed neutrinos from the Higgs (10+5)	DAS, Arindam
18:00	[73] Higgs binoculars for dark matter searches (10+5)	KAST, Simon
18:15	[74] The $h(125)$ decays to $c\bar{c}$, $b\bar{b}$, photon photon and gluon gluon in the light of the MSSM with quark flavour violation (10+5)	HIDAKA, K
18:30	[62] Higgs self couplings at the FCC-hh (10+5)	HELSENS, Clement