

Higgs 2021

Wednesday, 20 October 2021

Parallel: Precision and Properties: Live discussion session 1 [Room A] (08:30 - 10:00)

-Conveners: Alexander Yohei Huss; Hongtao Yang; David Sperka

time	[id] title	presenter
08:30	[192] Studies of the CP properties of the Higgs boson at the ATLAS experiment	ARCANGELETTI, Chiara
08:40	[164] The CP character of the Higgs-fermion-fermion interactions: Interplay of collider physics, EDMs and baryogenesis	BAHL, Henning
08:50	[103] Constraints on invisible Higgs decays from CMS	AKPINAR, Alp
09:00	[96] Higgs boson properties from offshell production in ZZ to 2l2nu final state at CMS	MAHDAVIKHORRAMI, Mostafa
09:10	[196] Off-shell Higgs Couplings in $H^* \rightarrow ZZ \rightarrow \ell\ell\nu\nu$	QIN, Han
09:20	[157] Directly Probing the Higgs-top Coupling at High Scales	MAMMEN ABRAHAM, Roshan
09:30	[182] Development of novel experimental techniques to improve our understanding of the Higgs boson at the ATLAS experiment	KLEIN, Matthew Henry
09:40	[195] Electroweak Restoration at the LHC and Beyond: The V_h Channel	LEWIS, Ian
09:50	[125] Optimising the performance of the CMS Electromagnetic Calorimeter in LHC Run 2 for the measurement of Higgs boson properties	AMENDOLA, Chiara

Thursday, 21 October 2021

Parallel: Precision and Properties: Live discussion session 2 [Room A] (14:30 - 15:30)

-Conveners: David Sperka; Alexander Yohei Huss; Hongtao Yang

time	[id] title	presenter
14:30	[114] Exact top-quark mass dependence in hadronic Higgs production	Mr NIGGETIEDT, Marco
14:40	[205] Fiducial predictions for the Higgs Transverse Momentum at N3LL'+NNLO	RE, Emanuele Dr ROTTOLI, Luca TORRIELLI, Paolo
14:50	[202] The Higgs pT Spectrum and Total Cross Section with Fiducial Cuts at N3LL'+N3LO	MICHEL, Johannes
15:00	[150] Fully Differential Prediction for Higgs Boson Production at N3LO	MISTLBERGER, Bernhard
15:10	[184] Measurements and interpretations of Simplified Template Cross Sections, differential and fiducial cross sections in Higgs boson decays to four leptons with the ATLAS detector	KRISHNAMURTHY, Samyukta
15:20	[99] Measurement of the Higgs cross sections in the H->ZZ->4l channel at CMS	ELMETENAWEE, Walaa

Parallel: Precision and Properties: Live discussion session 3 [Room A] (16:00 - 17:10)

-Conveners: David Sperka; Hongtao Yang; Alexander Yohei Huss

time	[id] title	presenter
16:00	[183] Measurements and interpretations of Simplified Template Cross Sections, differential and fiducial cross sections in Higgs boson decays to two photons with the ATLAS detector	STAMAS, Brianna
16:10	[185] Measurements and interpretations of Simplified Template Cross Sections and differential and fiducial cross sections in Higgs boson decays to two W bosons with the ATLAS detector	HAYES, Robin
16:20	[109] Recent results in the H->WW channel at CMS	SEIDITA, Roberto
16:30	[187] Measurements of Higgs boson production in decays to two tau leptons with the ATLAS detector	SAUERBURGER, Frank
16:40	[98] Measurements of Higgs cross sections and differential distributions in the H->tautau final state from CMS	KIM, Doyeong
16:50	[191] Combined measurements of Higgs boson production and decays with the ATLAS detector	ARNOLD, Hannah
17:00	[201] Probing the electroweak symmetry breaking with Higgs production at the LHC	Dr YAN, Bin