

Higgs 2023, Nov 27 - Dec 2 2023, Beijing

Tuesday, 28 November 2023

Parallel: Precision & Yukawas: 1 - A214 (09:00 - 10:30)

-Conveners: Stephane Cooperstein; Hongtao Yang; Matthew Lim; Li Lin Yang

time	[id]	title	presenter
09:00	[54]	Charm Yukawa through cH associated production (cancelled)	QIAN, Zhuoni
09:20	[68]	Measurements of the Higgs boson properties using decays into bottom and charm quark pairs with the ATLAS detector	TANASINI, Martino
09:40	[90]	Higgs boson cross-section measurements in fermionic final states with the CMS detector	Dr JAVAID, Tahir
10:00	[55]	Higgs decay to quarkonia and the Yukawa couplings	Dr MA, Yang

Parallel: Precision & Yukawas: 2 - A214 (11:00 - 12:30)

-Conveners: Hongtao Yang; Stephane Cooperstein; Li Lin Yang; Matthew Lim

time	[id]	title	presenter
11:00	[71]	Charming Yukawa coupling of the Higgs boson	FENG, Zhuoran
11:15	[60]	Search for Higgs decay to charm quark pair at LHCb	ZULIANI, Davide
11:35	[87]	Rare Higgs boson decays with the CMS experiment	UMORET, Giulio
11:55	[74]	Search for dark photons in rare Z boson decays with the ATLAS detector	LIU, Mingyi
12:10	[88]	Searches for rare Higgs boson production modes at CMS	GUAN, Zhe

Wednesday, 29 November 2023

Parallel: Precision & Yukawas: 3 - A214 (14:00 - 15:35)

-Conveners: Hongtao Yang; Matthew Lim; Li Lin Yang; Stephane Cooperstein

time	[id]	title	presenter
14:00	[61]	Combined measurements of Higgs boson couplings and cross sections with the ATLAS detector	ALVES, Fabio ALVES, Fábio
14:20	[92]	Combined measurements of Higgs boson cross sections and couplings at CMS	YANG, Chuxue
14:40	[56]	Jet veto resummation for Higgs+jet production with NNLL'+NNLO uncertainties	LIM, Matthew
15:00	[63]	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	DU, Dongshuo DU, Dongshuo
15:20	[114]	Measurement of the H to ZZ to 4l cross-section in pp collisions at $\sqrt{s} = 13.6$ TeV with the ATLAS detector	YE, Xinmeng

Parallel: Precision & Yukawas: 4 - A214 (16:00 - 17:30)

time	[id]	title	presenter
16:00	[83]	Measurements of the Higgs boson production cross sections in bosonic decay channels with the CMS experiment	FERNANDEZ, Sergio Blanco
16:20	[65]	Measurement of Higgs boson mass with the ATLAS detector	JIA, Zihang
16:40	[91]	Measurement of Higgs boson mass using bosonic decay channels with the CMS detector	IEMMI, Fabio
17:00	[66]	Measurement of CP properties of the Higgs boson couplings to weak bosons at the ATLAS experiment (15'+5')	GUO, Fangyi

Thursday, 30 November 2023

Parallel: Precision & Yukawas: 5 - A214 (09:00 - 10:30)

-Conveners: Stephane Cooperstein; Hongtao Yang; Li Lin Yang; Matthew Lim

time	[id] title	presenter
09:00	[67] Measurements of Higgs boson properties in decays to two tau leptons with the ATLAS detector	PAN, Tong
09:20	[69] Property measurements of the Higgs boson production in association with top quark at the ATLAS detector	POVEDA, Ximo POVEDA, Ximo
09:40	[99] High precision results for Higgs and Top decay in QCD	CHEN, Long
10:00	[119] Non-factorizable corrections to Higgs production in Vector Boson Fusion: Beyond Eikonal	LONG, Ming-Ming

Parallel: Precision & Yukawas: 6 - A214 (11:00 - 12:30)

-Conveners: Stephane Cooperstein; Li Lin Yang; Matthew Lim; Hongtao Yang

time	[id] title	presenter
11:00	[89] Study of the boosted Higgs boson production	XIAO, Jie
11:20	[45] Application of the jet charge in electroweak and Higgs physics	Prof. YAN, Bin
11:40	[104] Semi-leptonic $t\bar{t}b\bar{a}$ & $t\bar{t}H$ reconstruction using Symmetry Preserving Attention Networks at the LHC	Prof. OKAWA, Hideki
12:00	[120] Measurement of $t\bar{t}H$ and tH Production in the H to $b\bar{b}$ Decay Channel at CMS	DATA, Abhisek
12:15	[70] Measurement of the Higgs coupling to top quarks with four-top-quark production	ROBERTS, Ryan