

Higgs 2022

Thursday 10 November 2022

Thursday Session A: EFT & Precision - Sala Bianchi (14:00 - 15:55)

-Conveners: Lorenzo Bianchini; Sandra Kortner; Adinda De Wit

time	[id] title	presenter
14:00	[155] YSF: Fisher Information and simulation-based inference in searches for CP-violating EFT components in the HWW interaction via leptonic WH production	BARRUÉ, Ricardo
14:15	[136] Measurement of CP properties of the Higgs boson coupling to weak bosons using diphoton and four lepton decays at the ATLAS experiment	COELHO LOPES DE SA, Rafael
14:35	[113] Measurement of the Higgs boson inclusive and differential fiducial production cross sections in the diphoton decay channel	MAZUMDAR, Kajari
14:55	[132] Measurements and interpretations of Simplified Template Cross Sections, differential and fiducial cross sections in Higgs boson decays to two photons with the ATLAS detector - REMOTE	SCHWARZ, Thomas Andrew SCHWARZ, Thomas Andrew
15:15	[133] 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	CARNESALE, Maria
15:35	[120] Recent STXS measurements from CMS	NIGAMOVA, Aliya

Thursday Session A: Precision & Double Higgs - Sala Bianchi (16:20 - 18:15)

-Conveners: Raoul Horst Rontsch; Paolo Mastrandrea; Ramona Groeber

time	[id] title	presenter
16:20	[25] High-energy resummation for Higgs boson plus jets production	MAIER, Andreas Martin
16:40	[38] Precision Higgs Phenomenology at N3LO and beyond	VITA, gherardo
17:00	[122] ZH production in gluon fusion at NLO QCD	KERNER, Matthias
17:20	[87] Gluon fusion into HH and ZH at NLO QCD	BELLAFRONTE, LUIGI VITTI, Marco
17:40	[160] Top-Yukawa-induced Corrections to Higgs Pair Production	SPIRA, Michael
18:00	[40] QCD and leading Yukawa corrections to $gg \rightarrow HH$	ZHANG, Hantian