



# Higgs 2022

## Thursday, November 10, 2022

### Thursday Session A: EFT & Precision - Sala Bianchi (2:00 PM - 3:55 PM)

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

time	[id] title	presenter
2:00 PM	[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
2:15 PM	[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
2:35 PM	[113] Measurement of the Higgs boson inclusive and differential fiducial production cross sections in the diphoton decay channel	MAZUMDAR, Kajari
2:55 PM	[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
3:15 PM	[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
3:35 PM	[120] Recent STXS measurements from CMS	NIGAMOVA, Aliya

### Thursday Session A: Precision & Double Higgs - Sala Bianchi (4:20 PM - 6:15 PM)

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

time	[id] title	presenter
4:20 PM	[25] High-energy resummation for Higgs boson plus jets production	MAIER, Andreas Martin
4:40 PM	[38] Precision Higgs Phenomenology at N3LO and beyond	VITA, gherardo
5:00 PM	[122] ZH production in gluon fusion at NLO QCD	KERNER, Matthias
5:20 PM	[87] Gluon fusion into HH and ZH at NLO QCD	BELLAFRONTI, LUIGI VITTI, Marco
5:40 PM	[160] Top-Yukawa-induced Corrections to Higgs Pair Production	SPIRA, Michael
6:00 PM	[40] QCD and leading Yukawa corrections to $gg \rightarrow HH$	ZHANG, Hantian