



# Higgs 2022

## Wednesday, November 9, 2022

### Wednesday Session A: Yukawa - Sala Bianchi (2:20 PM - 4:20 PM)

-Conveners: **Andrea Rizzi; Marco Zaro; Raffaele Angelo Gerosa**

time	[id] title	presenter
2:20 PM	[27] Higgs decay to charmonia and the charm-quark Yukawa coupling	MA, Yang
2:40 PM	[111] CMS searches for the Higgs boson decay into charm quark-antiquark pair	STAMENKOVIC, Marko
3:00 PM	[144] Measurements and interpretations of the Higgs boson properties in its couplings to top, bottom and charm quarks with the ATLAS detector	KE, Yan
3:20 PM	[45] Two-loop QCD amplitudes for Higgs production with a bottom quark pair	KRYS, Jakub Marcin
3:40 PM	[33] On ttW production	FREDERIX, Rikkert
4:00 PM	[83] Gluon Jet Sphericity as a New Observable to Probe the CP Structure of Higgs-top Coupling - REMOTE	YU, Zhite

### Wednesday Session A: BSM - Sala Bianchi (4:45 PM - 6:20 PM)

-Conveners: **Andrea Rizzi; Linda Finco**

time	[id] title	presenter
4:45 PM	[26] Constrain new physics scenarios with enhanced light quark Yukawa couplings in off-shell Higgs production	BALZANI, Elisa
5:05 PM	[125] Exotic decays of the Higgs bosons	SEBASTIANI, Cristiano
5:25 PM	[118] Searches for Higgs to invisible at CMS	WHITE, Robert Stephen
5:45 PM	[146] Searches for invisible Higgs boson decays at the ATLAS experiment	WANG, Song-Ming
6:05 PM	[137] YSF: Search for Lepton-Flavour-Violating Decays of the Higgs Boson	AMOS, Kieran Robert