



# EPS-HEP2023 conference

## Monday 21 August 2023

### T09 Higgs Physics - Hörsaal B (09:00 - 10:30)

time	[id] title	presenter
09:00	[139] Higgs boson mass and width measurement with the ATLAS detector	MANZONI, Stefano
09:18	[257] Higgs boson properties (mass/width) at CMS	ERRICO, Filippo
09:36	[140] Higgs boson CP property measurements at the ATLAS experiment	GREFE, Christian
09:54	[252] Boosted Higgs boson measurements at CMS	ASAWATANGTRAKULDEE, Chayanit
10:12	[146] Towards high-energy Higgs+jet distributions at NLL matched to NLO	CELIBERTO, Francesco Giovanni

### T09 Higgs Physics - Hörsaal B (16:30 - 19:00)

time	[id] title	presenter
16:30	[255] Higgs boson inclusive cross section and coupling measurements (incl STXS) at CMS - fermionic channels	BAERTSCHI, Pascal
16:50	[134] Measurements of the Higgs boson couplings and their interpretations in fermionic decay modes at the ATLAS experiment	SHARMA, Punit SHARMA, Punit
17:10	[135] Measurements of Higgs boson production in association with top quarks at the ATLAS experiment	STREBLER, Thomas
17:30	[256] Higgs boson inclusive cross section and coupling measurements (incl STXS) at CMS - bosonic channels	SEIDITA, Roberto
17:50	[132] Measurements of Higgs boson couplings and simplified template cross sections in bosonic final states (WW, ZZ, yy) at the ATLAS experiment	LAGOURI, Theodota
18:10	[254] Higgs boson differential/fiducial cross section measurements at CMS	ZHOU, Chen
18:30	[136] Measurements of inclusive and differential cross sections in bosonic final states at the ATLAS experiment	MIRONOVA, Maria

# Tuesday 22 August 2023

## T09 Higgs Physics - Hörsaal B (08:30 - 10:30)

time	[id] title	presenter
08:30	[137] Combined measurement of Higgs coupling, cross section measurement and interpretation at the ATLAS experiment	LI, Changqiao
08:50	[253] Higgs boson anomalous couplings and EFT at CMS	BONANOMI, Matteo
09:10	[16] Standard Model Effective-Field Theory in final states with multiple Higgs and gauge bosons	COVARELLI, Roberto
09:30	[212] Diboson production in the SMEFT from gluon fusion	THOMAS, Marion
09:50	[236] Rare Higgs boson production and decay at CMS	ARDINO, Rocco

## T09 Higgs Physics - Hörsaal B (16:00 - 18:50)

time	[id] title	presenter
16:00	[141] Measurement of rare Higgs boson production and decay modes at the ATLAS experiment	KELLER, John Stakely
16:20	[258] Searches for exotic Higgs boson decays with the CMS experiment	TSOI, Ho Fung
16:40	[259] Searches for additional Higgs bosons at CMS	CORREIA SILVA, Gilson
17:00	[142] Search for low and high mass resonances with $\gamma\gamma/Z\gamma$ final states with the ATLAS detector	PASCUAL DOMINGUEZ, Luis
17:20	[547] New constraints on extended Higgs sectors from the trilinear Higgs coupling	BRAATHEN, Johannes
17:40	[786] Probing a light charged Higgs boson at the LHC Run 3	KRAB, Mohamed
18:00	[785] SusHi 2.0 - Higgs production cross sections in BSM models	KLEIN, Sven Yannick
18:20	[745] Detecting Heavy Higgs Bosons from Natural SUSY at a 100 TeV Hadron Collider	KAO, Chung

# Wednesday 23 August 2023

## T09 Higgs Physics - Hörsaal B (08:30 - 10:30)

time	[id] title	presenter
08:30	[456] Precise predictions for the trilinear Higgs self-coupling in the Standard Model and beyond	GABELMANN, Martin
08:50	[224] Two-loop Electroweak corrections to $gg \rightarrow HH$	ZHANG, Hantian
09:10	[591] Higgs Pair Production and Triple Higgs Couplings at the LHC in the 2HDM framework	RADCHENKO SERDULA, Kateryna
09:30	[105] Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS	CAVALIERE, Viviana
09:50	[244] Higgs self coupling: status and projections at CMS	NANDAN, Saswati
10:10	[590] Constraints on the trilinear and quartic Higgs couplings from triple Higgs production at the LHC and beyond	WEIGLEIN, Georg

# Thursday 24 August 2023

## T09 Higgs Physics - Hörsaal B (08:30 - 11:00)

time	[id] title	presenter
08:30	[756] Higgs physics with ILC	HENSEL, Carsten
08:48	[454] Higgs self-coupling measurement at future e+e- colliders	TORNDAL, Julie
09:06	[326] Determination of CP-violating Higgs couplings with transversely-polarized beams at the ILC	LI, Cheng
09:24	[325] Probing CPV mixing in the Higgs sector in VBF at 1 TeV ILC	BOZOVIC JELISAVCIC, Ivanka
09:42	[201] Higgs physics opportunities at FCC	LI, Ang
10:00	[703] Higgs self-coupling measurements at the FCC-hh	STAPF, Birgit
10:18	[700] Higgs precision physics in electron–proton scattering at CERN	KLEIN, Uta
10:36	[528] Higgs physics prospects at Muon Collider with a detailed detector simulation	CASARSA, Massimo