

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects

Tuesday 28 March 2023

WG3: Electroweak Physics and Beyond the Standard Model 1: Higgs Physics - 103AB (09:00 - 12:30)

-Conveners: Doreen Wackerroth; Niki Saoulidou; Wouter Deconinck

time	[id] title	presenter
09:00	[12] Search for off-shell production of the Higgs boson and measurement of its total width with the ATLAS experiment	LEIGHT, William Axel
09:20	[31] Combined Higgs boson measurements and their interpretations with the ATLAS experiment	ESCALIER, Marc
09:40	[27] Searching for additional Higgs bosons at ATLAS	KACZMARSKA, Anna
10:00	[33] Search for rare decays and lepton-flavor-violating decays of Higgs boson at the ATLAS experiment	BRUCKMAN DE RENSTROM, Pawel
10:20	Coffee break	
10:50	[253] Higgs couplings to fermions in the CMS experiment	GALLO, Elisabetta
11:10	[29] Measurements of the Higgs boson coupling properties to fermions with the ATLAS detector	TARIQ, Khuram
11:30	[28] Measurement of Higgs boson coupling properties to bosons with the ATLAS detector	BIGLIETTI, Michela
11:50	[350] [Contribution 30 was moved to Thursday 12:10]	
12:10	[32] Measurements of the CP structure of Higgs-boson couplings with the ATLAS detector	MIRALLES LOPEZ, Marcos

WG3: Electroweak Physics and Beyond the Standard Model 2 - 103AB (14:00 - 18:30)

-Conveners: Doreen Wackerroth; Niki Saoulidou; Wouter Deconinck

time	[id] title	presenter
14:00	[258] Drell-Yan measurements in CMS	NGUYEN, Duong Hai
14:20	[61] Measurements of W and Z production at ATLAS	BEAUCHEMIN, Pierre-Hugues
14:40	[260] Physics of the Electroweak sector at CMS	MITTAL, Monika
15:00	[270] Probing the Weak Mixing Angle at high energies at the LHC	DEL PIO, Clara
15:20	[335] Precision calculations in boson and diboson processes with transverse-momentum and jet-veto resummation	NEUMANN, Tobias
15:40	[25] Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS	ZABINSKI, Bartlomiej Henryk
16:00	Coffee break	
16:30	[221] Determining the CP Property of $\bar{t}t$ Coupling via a Novel Jet Substructure Observable	YU, Zhite
16:50	[65] Searches for rare top quark production and decay processes with the ATLAS experiment	GEORGE, William Frederick GEORGE, William Frederick

17:10	[96] Impacts of LHC Drell-Yan data in the CTEQ-TEA global fit	XIE, Keping
17:30	[136] High energy neutrino-nucleon cross sections for CT18 parton distribution functions	Dr STUMP, Daniel
17:50	[72] Neutrino structure functions from GeV to EeV energies	RABEMANANJARA, Tanjona R.
18:10	[75] Simultaneous CTEQ-TEA extraction of PDFs and SMEFT	Prof. GAO, Jun Dr HOBBS, Tim

Wednesday 29 March 2023

WG3: Electroweak Physics and Beyond the Standard Model 3 - 103AB (09:00 - 12:30)

-Conveners: Tobias Neumann; Wouter Deconinck; Doreen Wackerath; Niki Saoulidou

time	[id] title	presenter
09:00	[58] Measurements of processes sensitive to quartic electroweak couplings in ATLAS	PLEIER, Marc-Andre PLEIER, Marc-Andre PLEIER, Marc-Andre
09:20	[257] Vector boson scattering results in CMS	ZOI, Irene
09:40	[63] Diboson production and polarization measurements with the ATLAS Detector	YUAN, Man YUAN, Man
10:00	[334] Electroweak precision fits and contact interactions with EIC and LHeC DIS data	Dr BISSOLOTTI, Chiara
10:20	Coffee break	
10:50	[106] Latest results from Kaon experiments at CERN	COOPER, Peter Semler
11:10	[297] Complete Formalism of Cross Sections and Asymmetries for Longitudinally and Transversely Polarized Leptons and Hadrons in Deep Inelastic Scattering	ANDERSON, Paul
11:30	[189] Radiative corrections for precise low- and high-energy (anti)neutrino fluxes	TOMALAK, Oleksandr
11:50	[306] Exciting Ions: a Complete Treatment of Ultraperipheral Collisions with Nuclear Breakup	HARLAND-LANG, Lucian Dr HARLAND-LANG, Lucian

Thursday 30 March 2023

WG3: Electroweak Physics and Beyond the Standard Model 4 - 103AB (09:00 - 12:30)

-Conveners: Marc-Andre Pleier; Christophe Royon; Wouter Deconinck; Niki Saoulidou; Doreen Wackerroth

time	[id] title	presenter
09:00	[86] Search for low-mass New Physics states from B-meson decays at BABAR	SOKOLOFF, Michael David
09:20	[34] Search for new light diphoton resonances at the ATLAS experiment	MEYER, Chris
09:40	[154] Search for effective Lorentz and CPT violation using ZEUS data	Dr LUNGHI, Enrico
10:00	[26] Searches for resonances decaying to pairs of heavy bosons in ATLAS	GUHIT, Jem Aizen Mendiola GUHIT, Jem
10:20	Coffee break	
10:50	[39] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector	POMPA PACCHI, Elena POMPA PACCHI, Elena
11:10	[38] Searches for leptoquarks with the ATLAS detector	DEIANA, Allison Mccarn
11:30	[112] Study of Lepton Flavor Violation and Lepton Flavor Universality at Belle	WATANUKI, Shun
11:50	[183] Recent Belle II results related to BSM physics	VOLPE, Roberta
12:10	[30] Measurement of Higgs boson differential and fiducial cross sections with the ATLAS detector	AGGARWAL, Anamika

WG3: Electroweak Physics and Beyond the Standard Model 5 - 103AB (14:00 - 16:30)

-Conveners: Doreen Wackerroth; Niki Saoulidou; Wouter Deconinck

time	[id] title	presenter
14:00	[40] Searches for Dark Matter with the ATLAS Experiment at the LHC	STUPAK, John
14:20	[42] Searches for supersymmetric particles with prompt decays with the ATLAS detector	GRAVILI, Francesco Giuseppe
14:40	[41] Search for pair production of squarks or gluinos decaying to sleptons or W/Z bosons with two same-sign or three leptons final states using 139 fb ⁻¹ ATLAS data	LIANG, Shiyi
15:00	[256] Recent results with the CMS Precision Proton Spectrometer	ROYON, Christophe ROYON, Christophe
15:20	[44] Measurement of dilepton production from photon fusion processes in UPC and non-UPC Pb+Pb collisions with the ATLAS detector	STEINBERG, Peter Alan
15:40	[45] BSM physics using photon-photon fusion processes in UPC in Pb+Pb collisions with the ATLAS detector	MAJ, Klaudia
16:00	Coffee break	