

ICHEP 2024

Thursday 18 July 2024

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (08:30 - 10:15)

-Conveners: Rene Poncelet; Peter Berta

time	[id] title	presenter
08:30	[155] Measurements of W and Z bosons in CMS	VAZZOLER, Federico
08:45	[451] Measurements of W, Z and Drell-Yan processes in ATLAS	JIA, Xuewei
09:00	[1366] Recent developments in the GENEVA event generator	LIM, Matthew
09:15	[857] Combining QED and QCD transverse-momentum resummation for W and Z boson production at hadron colliders	AUTIERI, Andrea
09:30	[841] Measurement of single W and Z boson properties in the Forward Region	Mr ABDELMOTTELEB, Ahmed
09:45	[1385] Electroweak input parameter schemes and precise theoretical predictions for Drell-Yan	CHIESA, Mauro
10:00	[452] Precision measurements of Standard Model parameters in ATLAS	KREMER, Jakob

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (10:45 - 12:30)

-Conveners: Peter Berta; Maria Moreno Llacer

time	[id] title	presenter
10:45	[213] Recent results on inclusive and differential top-quark pair production from 5 to 13.6 TeV at CMS	RANKEN, Evan Altair
11:03	[532] Measurements of top quark production cross-sections with the ATLAS detector	VANADIA, Marco
11:21	[1090] Theoretical results for top-pair and top+W production	KIDONAKIS, Nikolaos
11:39	[1260] LHC differential top-quark pair production cross sections in the ABMP16 PDF fit	ZENAIEV, Oleksandr
11:57	[214] Electroweak and associated top-quark production at CMS	RIBEIRO LOPES, Beatriz
12:12	[1187] New Physics virtual correction to top-pair production	TENTORI, Simone

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (14:30 - 16:15)

-Conveners: Maria Moreno Llacer; Peter Berta

time	[id] title	presenter
14:30	[225] Searches for rare and beyond the Standard Model top-quark production and decay at CMS	ASILAR, Ece
14:48	[531] Lepton flavour universality and violation using top quarks	KEMPSTER, Jacob Julian
15:06	[542] Searches for FCNC in top events with the ATLAS detector	DELL'ASTA, Lidia
15:24	[317] Looking for the solution to the Hierarchy Problem in Top physics	CHUNG, Yi
15:42	[1083] Dispelling the sqrt(L) myth for the High-Luminosity LHC	KOGLER, Roman
15:57	[967] The top quark EW couplings in the SMEFT -	MIRALLES, Victor

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (16:45 - 18:30)**-Conveners: Rene Poncelet; Maria Moreno Llacer**

time	[id] title	presenter
16:45	[537] Observation of four-top-quarks and the determination of the Higgs width	JACKSON, Paul
17:03	[543] tt+X measurements using the full run 2 dataset with the ATLAS experiments	HAHN, Jan Joachim
17:21	[544] tt+heavy flavour measurements with the full run 2 dataset using the ATLAS experiment	MORAIS SILVA GONCALO, Ricardo Jose
17:36	[968] NLO QCD predictions for off-shell $t\bar{t}W$ production in association with a light jet at the LHC	REINARTZ, Minos
17:54	[997] Four top final states with NLO accuracy in perturbative QCD: 4 lepton channel	DIMITRAKOPOULOS, Nikolaos
18:12	[1380] Soft gluon resummation for associated top-quark pair production with a photon at the LHC	LUPATTELLI, Michele

Friday 19 July 2024

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - South Hall 2A (08:30 - 10:15)

-Conveners: Maria Vittoria Garzelli; Rene Poncelet

time	[id] title	presenter
08:30	[434] The MUonE experiment: a novel way to measure the hadronic contribution to the muon $g-2$	SPEDICATO, Eugenia
08:45	[493] Electroweak precision physics at the FCC	LESIAK, Tadeusz
09:00	[576] Probing GHU models at the ILC with di-quark AFB at c.m.e. above the Z mass	SAIBEL, Andrej
09:15	[378] Prospects for constraining light-quark electroweak couplings at Higgs factories	Mr MEKALA, Krzysztof
09:30	[476] Towards a fully NNLO Monte Carlo generator for low energy $e+e-$ data into hadrons and leptons.	TORRES BOBADILLA, William
09:45	[893] Whizard for FCC-ee and other $e+e-/mu+mu-$ colliders	Mr STRIEGL, Tobias
10:00	[1196] KKMCEe: Multiphoton MC for lepton and quark pair production at lepton colliders	YOST, Scott

Saturday 20 July 2024

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (08:30 - 10:15)

-Conveners: Maria Vittoria Garzelli; Qiang Li

time	[id] title	presenter
08:30	[224] Recent measurements of top-quark properties at CMS	WILDRIDGE, Andrew
08:48	[1375] High Precision Results for Top-Quark Decay at N3LO in QCD	Dr CHEN, Long
09:06	[1370] Open bottom production at hadron colliders at NNLO+NNLL	GENERET, Terry
09:24	[1287] Quartic anomalous coupling studies using intact protons at the LHC	ROYON, Christophe
09:42	[201] Physics results with the CMS Precision Proton Spectrometer and projections for the HL-LHC with PPS2	GIL DA SILVEIRA, Gustavo
09:57	[66] "High energy $\gamma\gamma$ interactions at the LHeC"	PIOTRZKOWSKI, Krzysztof

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (10:45 - 12:30)

-Conveners: Rene Poncelet; Qiang Li

time	[id] title	presenter
10:45	[157] Vector boson scattering results in CMS	PICCINELLI, Andrea
11:00	[449] Measurements of vector-boson scattering with the ATLAS experiment	WANG, Xi
11:15	[158] Multiboson production in CMS	DENG, Sen
11:30	[450] Multiboson production and polarisation measurements with the ATLAS detector	ALHROOB, Muhammad
11:45	[250] New observables for testing Bell inequalities in W boson pair production	ZHANG, Hao
12:00	[1094] Massive diphoton production at NNLO	CORO, Federico
12:15	[1390] Realistic extraction of polarisation and spin-correlation coefficients in di-boson processes at the LHC	Dr GROSSI, Michele

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (14:30 - 16:15)

-Conveners: Qiang Li; Maria Vittoria Garzelli

time	[id] title	presenter
14:30	[212] Combined measurement of the top-quark mass at 7 and 8 TeV by ATLAS and CMS	DEFRANCHIS, Matteo
14:48	[223] Measurements of the top-quark mass from boosted jets at CMS	PAASCH, Alexander
15:03	[545] Highlights on top quark properties and mass measurements with the ATLAS detector	STRIZENEC, Pavol
15:21	[1396] Top Quark Mass Calibration for Monte Carlo Event Generators	Prof. MATEU, VICENT
15:39	[1016] Using the W as a Standard Candle to Reach the top	SCHWARZ, Dennis
15:57	[237] The rise and fall of light stops in the LHC top quark sample	SENGUPTA, Dibyashree

Top Quark and Electroweak Physics: Top Quark and Electroweak Physics - Club E (16:45 - 18:30)

-Conveners: Qiang Li; Peter Berta

time	[id] title	presenter
16:45	[215] EFT based searches in the top-quark sector and beyond from CMS	ALVAREZ GONZALEZ, Barbara
17:03	[884] Results and prospects on an EFT interpretation of the tWZ process	BELVEDERE, Alberto
17:18	[946] Higher-order corrections to top-quark pair production in the SMEFT	Dr TONERO, Alberto
17:36	[1220] Off-shell diboson production at the LHC in the SMEFT at NLO QCD	EL FAHAM, Hesham
17:54	[1023] Electroweak corrections from Sudakov logarithms in the SMEFT	SEVERI, Claudio
18:12	[1314] The general-purpose LHeC and FCC-eh high-energy precision programme: Top and EW measurements	BRITZGER, Daniel