



# ICHEP 2022

## Thursday, 7 July 2022

### Top quark and EW Physics - Room 4 (Rossa) (09:00 - 10:45)

-Conveners: Martijn Mulders; Maria Aldaya

time	[id] title	presenter
09:00	[679] Measurements of W/Z production at ATLAS	ZAKHARCHUK, Nataliia
09:15	[168] Recent measurements of W and Z bosons with the CMS experiment	CIPRIANI, Marco
09:30	[441] Measurements of top quark production cross-sections with the ATLAS detector	HAWKINGS, Richard
09:45	[239] Measurement of $t\bar{t}$ and single top production cross sections in CMS	MULLER, Denise
10:05	[902] Electroweak Physics in the Forward Region	LUCCHESI, Donatella
10:20	[219] New physics results with the CMS Precision Proton Spectrometer	BELLORA, Andrea

### Top quark and EW Physics - Room 4 (Rossa) (11:15 - 13:00)

-Conveners: Malgorzata Worek; Matteo Negrini

time	[id] title	presenter
11:15	[242] Searches for rare top quark decay and BSM top interactions in CMS	MENG, Lu
11:30	[748] Searches for FCNC interactions of the top quark with the ATLAS experiment at the LHC	XIA, Mingming
11:45	[836] KKMChh: Matching CEEX Photonic ISR to a QED-Corrected Parton Shower	Prof. YOST, Scott
12:05	[1018] Probing the Weak Mixing Angle at high energies at the LHC	VAZZOLER, Federico
12:20	[1007] Two-loop QED corrections to the di-muon production in $e^+e^-$ collisions, and related processes	RONCA, Jonathan
12:40	[1325] Overview of theoretical precision of future $e^+e^-$ colliders	WARD, Bennie

### Top quark and EW Physics - Room 4 (Rossa) (14:30 - 16:30)

-Conveners: Ken Mimasu; Malgorzata Worek

time	[id] title	presenter
14:30	[171] Vector boson scattering results in CMS	HADDAD, Yacine
14:45	[678] Measurements of multi-boson production at ATLAS	BLUMENSCHNEIN, Ulla
15:05	[172] Multiboson production in CMS	VISCHIA, Pietro
15:20	[494] Vector boson scattering from gauge invariant perturbation theory	RIEDERER, Bernd
15:35	[15] A sensitivity study of VBS and diboson WW to dimension-6 EFT operators at the LHC	BOLDRINI, Giacomo
15:50	[245] EFT interpretations in top quark events in CMS	GOLDOUZIAN, Reza
16:05	[439] Complete study of four top quarks production at the LHC in the SMEFT	EL FAHAM, Hesham

**Top quark and EW Physics - Room 4 (Rossa) (17:00 - 19:00)****-Conveners: Ken Mimasu; Martijn Mulders**

time	[id] title	presenter
17:00	[1314] High precision measurement of the W-boson mass at CDFII	HAYS, Chris
17:15	[1243] W mass measurement at LHCb	RAMOS PERNAS, Miguel
17:30	[1387] Status of the W-boson mass averaging project	AMOROSO, Simone
17:45	[1269] Status of the global electroweak fit with Gfitter in the light of new precision measurements	KOGLER, Roman
18:00	[1359] Global analysis of electroweak data in the Standard Model and beyond	PIERINI, Maurizio
18:15	[1340] SMEFT Analysis of the W boson mass in light of the recent CDF measurement	BAGNASCHI, Emanuele Angelo
18:30	[1030] EWK precision measurements at FCC-ee	PAUS, Christoph
18:45	[1165] Electroweak physics at CEPC	LIU, Bo

## Friday, 8 July 2022

### Top quark and EW Physics - Room 8 (Blu) (11:15 - 13:00)

-Conveners: Maria Aldaya; Federica Fabbri

time	[id] title	presenter
11:15	[1245] Comparison of theory predictions for ttW in the 3 lepton channel	KRAUS, Manfred
11:30	[747] Observation of associated production of top quarks with the ATLAS experiment	KORN, Steffen
11:45	[243] Studies of top associated productions with vector bosons and heavy flavor quarks in CMS	SKOVPEN, Kirill
12:05	[413] ttH production in the Higgs characterisation model at NLO in QCD with full off-shell effects	HERMANN, Jonathan
12:25	[308] ttbb predictions at NLO in QCD and b-jet modelling	LUPATTELLI, Michele
12:40	[739] Absolute-mass threshold resummation for the production of four top quarks	Ms MORENO VALERO, Laura

### Top quark and EW Physics - Room 8 (Blu) (14:30 - 16:30)

-Conveners: Federica Fabbri; Maria Aldaya

time	[id] title	presenter
14:30	[746] Measurements of the top-quark mass using the ATLAS detector at the LHC	MELINI, davide
14:45	[443] Top-pair events with B-hadrons at the LHC	GENERET, Terry
15:00	[241] Recent studies on top quark properties and mass in CMS	SCHWARZ, Dennis
15:15	[750] Measurement of top-quark properties with the ATLAS detector at the LHC	BRUSCINO, Nello
15:30	[749] Testing the Standard Model in boosted top quark production with the ATLAS experiment at the LHC	GARNER, Christopher
15:45	[152] Quantum information with top quarks at the LHC	AFIK, Yoav
16:00	[104] Quantum SMEFT tomography: top quark pair production at the LHC	Dr MANTANI, Luca

### Top quark and EW Physics - Room 8 (Blu) (17:00 - 19:00)

-Conveners: Martijn Mulders; Matteo Negrini

time	[id] title	presenter
17:00	[1107] Mixed QCD-electroweak corrections to the Drell-Yan process in the high invariant mass region	SIGNORILE-SIGNORILE, Chiara
17:15	[253] LUXE: A new experiment to study non-perturbative QED in electron-LASER and photon-LASER collisions	YAP, Yee Chinn
17:30	[338] Quark production in high energy electron positron collisions: from strange to top	OKUGAWA, Yuichi
17:45	[470] Initial state QED radiation at next-to-leading logarithmic accuracy for future $e^+e^-$ colliders	STAGNITTO, Giovanni
18:00	[363] Measurement of Beam Polarization at an $e^+e^-$ $SB$ -Factory with New Tau Polarimetry Technique	MILLER, Caleb

18:15	[1121] Top and EW Physics at the LHeC and FCC-he
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BRITZGER, Daniel
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