



# EPS-HEP2021 conference

## Monday 26 July 2021

### T07: Top and Electroweak Physics: Part 1 (10:00-12:00)

-Conveners: Elisabetta Gallo-Voss; William Barter

time	[id] title	presenter
10:00	[169] Measurements of W and Z boson production at ATLAS	SCHOTT, Matthias
10:15	[272] CMS Inclusive vector bosons results including Drell-Yan measurements in a wide mass range	MOUREAUX, Louis
10:30	[906] Measurement of the W boson mass at LHCb	HUNTER, Ross
10:45	[1087] Measuring the polarization of boosted, hadronic $W$ bosons with jet substructure observables	DE, Songshaptak
11:00	[983] Experimental challenges towards a full exploitation of the FCC-ee potential	BLONDEL, Alain
11:15	[1106] Electroweak Precision Physics at FCC-ee	EYSERMANS, Jan
11:30	[268] Vector boson associated with heavy-flavor jets in CMS	SANCHEZ NAVAS, Sergio
11:45	[143] Two-loop QCD corrections to $Wbb$ production at hadron colliders	HARTANTO, Heribertus Bayu

### T07: Top and Electroweak Physics: Part 2 (14:15-16:15)

-Conveners: Eleni Vryonidou; Alexander Grohsjean

time	[id] title	presenter
14:15	[168] Measurements of top quark pair production cross sections with the ATLAS detector at the LHC	FABBRI, Federica
14:30	[263] Inclusive and differential $t\bar{t}$ cross-section measurements at CMS	FERNANDEZ, Javier
14:45	[591] Top pair production at NNLO matched to parton showers	MAZZITELLI, Javier
15:00	[785] Top-quark production at approximate N <sup>3</sup> LO	KIDONAKIS, Nikolaos
15:15	[165] Testing the Standard Model in boosted top quark production with the ATLAS experiment at the LHC	BERTA, Peter
15:30	[167] Measurements of single top quark production cross sections with the ATLAS detector at the LHC	ZHANG, Rui
15:45	[262] CMS results of top quark electroweak production, including associated productions	LAMBRECHT, Luka
16:00	[758] Soft Gluon Resummation for the Associated Single Top and Higgs Production at the LHC	MORENO VALERO, Laura

### T07: Top and Electroweak Physics: Part 3 (16:30-18:30)

-Conveners: Eleni Vryonidou; Elisabetta Gallo-Voss

time	[id] title	presenter
16:30	[14] LUXE: A new experiment to study non-perturbative QED in electron-LASER and photon-LASER collisions	HELARY, Louis

16:45	[90] Study of $e^+e^-$ annihilation into hadrons at low energies with ISR at BABAR	DRUZHININ, Vladimir
17:00	[270] Vector boson scattering in CMS	LU, Meng
17:15	[170] Recent observation and measurements of vector-boson fusion and scattering with ATLAS	GILLBERG, Dag
17:30	[40] Searches for quartic anomalous coupling at the LHC with intact protons	ROYON, Christophe
17:45	[60] SMEFT analysis of vector boson scattering and diboson data from the LHC Run II	MAGNI, Giacomo
18:00	[172] Measurements of multi-boson production at ATLAS	METCALFE, Jessica
18:15	[269] Multiboson production in CMS	WADUD, Mohammad

# Thursday 29 July 2021

## **T07: Top and Electroweak Physics: Part 4 (09:30-11:30)**

**-Conveners: Francesco Spanò; Alexander Grohsjean**

time	[id] title	presenter
09:30	[160] Combining ATLAS and CMS measurements of top quark production and W boson polarisation for LHC pp collisions at $\sqrt{s} = 7$ and 8 TeV	BOISVERT, Veronique
09:45	[162] Recent measurements of the top-quark mass and Yukawa coupling using the ATLAS and CMS detector at the LHC	NEGRINI, Matteo
10:05	[261] Measurement of top-quark properties with the ATLAS and CMS detectors at LHC	ESCOBAR IBÁÑEZ, Carlos
10:25	[163] Results on Rare and BSM top quark interactions from ATLAS and CMS	GOLDOUZIAN, Reza
10:45	[589] Parton shower effects in ttW @ NLO	KRAUS, Manfred
11:00	[264] Associated production of tt and heavy flavor at CMS	IEMMI, Fabio

## **T07: Top and Electroweak Physics: Part 5 (16:30-17:30)**

**-Conveners: William Barter; Elisabetta Gallo-Voss**

time	[id] title	presenter
16:30	[421] Interplay of beam polarisation and systematic uncertainties at future e+e- colliders	BEYER, Jakob
16:45	[1032] Precision electroweak measurements at the LHeC and the FCC-he	BRITZGER, Daniel
17:00	[471] New electroweak challenges and opportunities at the LHeC	PIOTRZKOWSKI, Krzysztof
17:15	[171] Photon-photon fusion measurements at ATLAS	CLAWSON, Savannah

# Friday 30 July 2021

## **T07: Top and Electroweak Physics: Part 6 (09:30-11:35)**

**-Conveners: Eleni Vryonidou; Alexander Grohsjean**

time	[id] title	presenter
09:30	[265] Measurement of top-quark electroweak couplings in associated top quark production with vector bosons with ATLAS and CMS detector	WALTER, David
09:50	[164] Evidence for four-top-quarks production with the ATLAS detector at the Large Hadron Collider	SABATINI, Paolo
10:05	[259] Probing EFT in canonical and associated top quark productions in CMS	SCHÖFBECK, Robert
10:20	[467] Top quark physics at ILC	POESCHL, Roman
10:35	[1026] Top physics at the LHeC and the FCC-he	Dr BEHERA, SUBHASISH
10:50	[1029] The top quark electro-weak couplings after LHC Run 2	MIRALLES, Víctor