

ICHEP 2020

Tuesday, 28 July 2020

Top Quark and Electroweak Physics: Session I - Premiere (15:30 - 21:30)

-Conveners: Jiri Kvita; Tomas Jezo; Aram Apyan; Maria Aldaya Martin

time	[id] title	presenter
15:30	[89] Recent measurements of electroweak boson properties at D0	WANG, Chen
15:55	[369] W boson measurements with the CMS experiment	SALVATICO, Riccardo
16:20	[458] Electroweak and Top Physics in the Forward Region	SESTINI, Lorenzo
16:45	General discussion	
16:55	Coffee Break	
17:20	[239] Recent ttbar and single top inclusive cross sections results in CMS	MULLER, Denise
17:45	[172] Measurements of differential cross-sections of top-quark-antiquark pair-production with the ATLAS detector	KHOO, Teng Jian
18:10	[241] Top quark pair and single top differential cross sections in CMS	BAKAS, Georgios
18:35	General discussion	
18:45	Coffee Break	
19:05	[112] KKMC-hh for Precision EW Phenomenology at the LHC	YOST, Scott Alan
19:30	[366] Electroweak and QCD aspects in V+jets in CMS	MALIK, Sarah
19:55	[768] Improving Electroweak Precision Observables Including m_W , Γ_W , A_{LR} and TGCs with the ILD Detector	WILSON, Graham
20:20	General discussion	
20:30	Discussion session: Top quark production	

Wednesday, 29 July 2020

Top Quark and Electroweak Physics: Session I - Replay (08:00 - 13:00)

Top Quark and Electroweak Physics: Session II - Premiere (15:30 - 21:30)

-Conveners: Jiri Kvita; Kristin Lohwasser; Maria Aldaya Martin; Aram Apyan

time	[id] title	presenter
15:30	[170] Measurements of inclusive multi-boson production at ATLAS	SUN, Siyuan
15:55	[365] Search for heavy triboson production in leptonic final states with full Run II data at CMS	CHANG, Philip
16:20	[59] $\gamma \rightarrow \gamma \gamma \gamma$ in heavy ion collisions -- new results and prospects	KŁUSEK-GAWENDA, Mariola SZCZUREK, Antoni
16:45	General discussion	
16:55	Coffee Break	
17:20	[175] Searches for flavour violation and flavour changing neutral currents in top quark final states	KOEHLER, Nicolas Maximilian
17:45	[173] Recent measurements of the top-quark mass using the ATLAS detector at the LHC	PALAZZO, Serena
18:10	[240] Recent measurements of top quark properties in CMS	NEGRO, Giulia
18:35	General discussion	
18:45	Coffee Break	
19:05	[177] Measurement of top-quark properties with the ATLAS detector at the LHC	KAWADE, Kentaro
19:30	[244] FCNC and EFT interpretations in top quark events in CMS	MAY, Samuel MAY, Samuel
19:55	[317] Enhancing fits of SMEFT Wilson coefficients in the top-quark sector	GRUNWALD, Cornelius
20:20	General discussion	
20:30	Discussion session: Top quark properties and EFT interpretations	

Thursday, 30 July 2020

Top Quark and Electroweak Physics: Session II - Replay (01:00 - 06:00)

Top Quark and Electroweak Physics: Session III - Premiere (08:00 - 13:30)

-Conveners: Jiri Kvita; Inkyu Park; Aram Apyan; Tomas Jezo; Kristin Lohwasser; Maria Aldaya Martin

time	[id] title	presenter
08:00	[176] Measurement of four-top-quarks production with the ATLAS detector at the Large Hadron Collider	ASBAH, Nedaa Alexandra
08:25	[243] Measurements of tt+jets and tt+bb production and tttt production in CMS	CASTRO, Andrea
08:50	[242] tt+X and t+X production in CMS: ttZ, ttW, ttgamma, tZ, tgamma in CMS	PALENCIA CORTEZON, Jose Enrique
09:15	[174] Using associated production of top quarks to neutral bosons to probe standard model couplings and search for new physics	ZOCH, Knut
09:40	General discussion	
09:45	Coffee Break	
10:00	[683] Production of heavy particle pairs via photon-photon processes at the LHC in proton-proton scattering	LUSZCZAK, Marta
10:25	[23] Probing QED in the strong-field regime with LUXE	TAL HOD, Noam
10:50	[171] Measurements of photon-photon fusion at ATLAS	DYNDAL, Mateusz
11:15	General discussion	
11:20	Coffee Break	
11:35	[168] Measurements of vector-boson production via weak-boson fusion at ATLAS	GUO, Jun
12:00	[297] Vector Boson Scattering results from CMS	SANDEEP, Kaur
12:25	[169] Observations of weak boson scattering with the ATLAS detector	NOBE, Takuya
12:50	General discussion	
12:55	Discussion session: Photon-induced processes	

Top Quark and Electroweak Physics: Session III - Replay (15:30 - 20:30)

Friday, 31 July 2020

Top Quark and Electroweak Physics: Session IV - Premiere (08:00 - 13:30)

-Conveners: Tomas Jezo; Inkyu Park; Jiri Kvita

time	[id] title	presenter
08:25	[805] Boosted top tagging and measurement of boosted top polarization using jet images	BHATTACHARYA, Soham
08:50	[191] Top quark pair reconstruction using an attention-based neural network	YANG, Seungjin
09:15	General discussion	
09:25	Coffee Break	
09:50	[336] The electro-weak couplings of the top quark: current constraints, prospects and impact in a combined top-Higgs EFT fit	PERELLÓ ROSELLÓ, Martín
10:15	[722] New results from TopFitter	Dr GALLER, Peter
10:40	[995] NLO QCD corrections to the electroweak top-pair production beyond the Standard Model	ALTAKACH, Mohammad Mahdi
11:05	General discussion	
11:15	Coffee Break	
11:35	[316] Optimising top-quark pair-production threshold scan at future e^+e^- colliders	NOWAK, Kacper
12:00	[767] Heavy quark production in high energy electron positron collisions	IRLES, Adrian
12:25	[733] Precision Top and EW measurements at the LHeC and the FCC-eh	BRITZGER, Daniel
12:50	General discussion	
13:00	Discussion session: Electroweak precision	

Top Quark and Electroweak Physics: Session IV - Replay (15:30 - 20:30)