

PANIC2021 Conference

Sunday, 5 September 2021

Standard model physics at the TeV scale (13:00 - 18:15)

-Conveners: Pedro Silva; Patricia CONDE MUÑOZ; Emanuele Re

time	[id] title	presenter
13:00	[513] Status and future prospects of precision computations for Higgs Physics at the LHC	Prof. CAOLA, Fabrizio
13:25	[548] Measurement of Higgs differential distributions at the LHC	KUMAR, Arun
13:45	[550] Higgs couplings to fermions and bosons (including inclusive cross sections, coupling combinations, spin/CP measurements of couplings) at the LHC	ÖRDEK, Serhat
14:05	[111] Probing Higgs couplings to light quarks via Higgs pair production	ALASFAR, Lina
14:30	Break	
14:45	[78] Combined SMEFT interpretation of Higgs, diboson, and top quark data from the LHC	ROJO, Juan
15:05	[551] Higgs rare and exotic decays at the LHC	MUSKINJA, Miha
15:25	[167] Full NLO QCD corrections to Higgs-pair production in the Standard Model and beyond	Dr BAGLIO, Julien
15:45	[549] Double Higgs production at the LHC	PORTALES, Louis
16:05	Break	
16:20	[556] Perspectives for Higgs measurements at Future Colliders	LI, Ang
16:40	[234] ILC Higgs Physics Potential	Dr KAWADA, Shin-ichi
17:00	[262] Nailing Higgs Couplings at Future Colliders	PAUL, Ayan
17:20	[539] Single boson production overview (W, Z, γ) at the LHC	PELLICIONI, Mario

Wednesday, 8 September 2021

Standard model physics at the TeV scale (13:00 - 18:35)

-Conveners: Patricia CONDE MUÑO; Emanuele Re; Pedro Silva

time	[id] title	presenter
13:00	[171] Status of NNLO QCD corrections for process with one or more jets in the final state at the LHC	PIRES, João
13:25	[540] V+jets+heavy flavour production at the LHC	LAURIER, Alexandre
13:45	[541] Jet substructure and fragmentation (including TOP) at the LHC	BUCKLEY, Andy
14:05	[542] Modelling the data at the LHC: status and issues (overview including soft QCD and TOP)	YAZGAN, Efe
14:25	Break	
14:40	[538] Status of VBS measurements at the LHC	LI, Shu
15:00	[517] Four-lepton production in gluon fusion at NLO matched to parton showers	Dr FERRARIO RAVASIO, Silvia
15:20	[154] Precise predictions for photon pair production	BROGGIO, Alessandro
15:40	[537] Multibosons production at the LHC (diboson, triboson)	KUPRASH, Oleg
16:00	Break	
16:15	[536] Overview of precision measurements (angular coefficients, charge asymmetry, $\sin^2\Theta$, m_W , etc) at the LHC	SHALAEV, Vladislav
16:35	[543] Top quark Cross sections overview (including re-interpretation) at the LHC	Dr HINDRICHS, Otto
16:55	[544] Status of single top measurements at the LHC	RODRÍGUEZ BOUZA, Víctor
17:15	[547] Top quark mass measurements at the LHC	GARBERS, Christoph
17:35	[546] Top quark properties overview (asymmetries, CP violation, spin correlations, FCNC) at the LHC	Dr KEMPSTER, Jacob
17:55	[545] Associated productions with top ($t+X$, $t\bar{t}+X$ with $X=W,Z,\gamma$, heavy-flavours, $t\bar{t}$) at the LHC	DADO, Tomas