

PANIC2021 Conference

Sunday, September 5, 2021

Standard model physics at the TeV scale (1:00 PM - 6:15 PM)

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

time	[id] title	presenter
1:00 PM	[513] Status and future prospects of precision computations for Higgs Physics at the LHC	Prof. CAOLA, Fabrizio
1:25 PM	[548] Measurement of Higgs differential distributions at the LHC	KUMAR, Arun
1:45 PM	[550] Higgs couplings to fermions and bosons (including inclusive cross sections, coupling combinations, spin/CP measurements of couplings) at the LHC	ÖRDEK, Serhat
2:05 PM	[111] Probing Higgs couplings to light quarks via Higgs pair production	ALASFAR, Lina
2:30 PM	Break	
2:45 PM	[78] Combined SMEFT interpretation of Higgs, diboson, and top quark data from the LHC	ROJO, Juan
3:05 PM	[551] Higgs rare and exotic decays at the LHC	MUSKINJA, Miha
3:25 PM	[167] Full NLO QCD corrections to Higgs-pair production in the Standard Model and beyond	Dr BAGLIO, Julien
3:45 PM	[549] Double Higgs production at the LHC	PORTALES, Louis
4:05 PM	Break	
4:20 PM	[556] Perspectives for Higgs measurements at Future Colliders	LI, Ang
4:40 PM	[234] ILC Higgs Physics Potential	Dr KAWADA, Shin-ichi
5:00 PM	[262] Nailing Higgs Couplings at Future Colliders	PAUL, Ayan
5:20 PM	[539] Single boson production overview (W, Z, γ) at the LHC	PELLICIONI, Mario

Wednesday, September 8, 2021

Standard model physics at the TeV scale (1:00 PM - 6:35 PM)

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

time	[id] title	presenter
1:00 PM	[171] Status of NNLO QCD corrections for process with one or more jets in the final state at the LHC	PIRES, João
1:25 PM	[540] V+jets+heavy flavour production at the LHC	LAURIER, Alexandre
1:45 PM	[541] Jet substructure and fragmentation (including TOP) at the LHC	BUCKLEY, Andy
2:05 PM	[542] Modelling the data at the LHC: status and issues (overview including soft QCD and TOP)	YAZGAN, Efe
2:25 PM	Break	
2:40 PM	[538] Status of VBS measurements at the LHC	LI, Shu
3:00 PM	[517] Four-lepton production in gluon fusion at NLO matched to parton showers	Dr FERRARIO RAVASIO, Silvia
3:20 PM	[154] Precise predictions for photon pair production	BROGGIO, Alessandro
3:40 PM	[537] Multibosons production at the LHC (diboson, triboson)	KUPRASH, Oleg
4:00 PM	Break	
4:15 PM	[536] Overview of precision measurements (angular coefficients, charge asymmetry, $\sin^2\Theta$, m_W , etc) at the LHC	SHALAEV, Vladislav
4:35 PM	[543] Top quark Cross sections overview (including re-interpretation) at the LHC	Dr HINDRICHS, Otto
4:55 PM	[544] Status of single top measurements at the LHC	RODRÍGUEZ BOUZA, Víctor
5:15 PM	[547] Top quark mass measurements at the LHC	GARBERS, Christoph
5:35 PM	[546] Top quark properties overview (asymmetries, CP violation, spin correlations, FCNC) at the LHC	Dr KEMPSTER, Jacob
5:55 PM	[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