

Matter To The Deepest 2015

Monday, 14 September 2015

Morning session (09:00 - 13:00)

-Conveners: Walter Grimus

time	[id] title	presenter
09:00	[2] Opening of the conference	ŚLEBARKSI, Andrzej
09:15	[3] Standard Model Tests at the LHC	Dr SALZBURGER, Andreas
09:40	Discussion	
09:45	[5] Higgs and top physics from the theory perspective	Dr WIESEMANN, Marius
10:30	Discussion	
10:40	Coffee Break	
11:10	[6] Parton distributions from LHC data and implications for single top-quark production	MOCH, Sven-Olaf
11:30	Discussion	
11:35	[7] NLO corrections to hard process in Parton Shower MC -- KrkNLO method	Prof. JADACH, Stanislaw
11:55	Discussion	
12:00	[8] Fully differential decay rate of a SM Higgs boson into a b-pair at NNLO	Prof. TROCSANYI, Zoltan
12:20	Discussion	
12:25	[10] Calculation and application of off-shell amplitudes	VAN HAMEREN, Andreas
12:45	Discussion	

Tuesday, 15 September 2015

Morning session (09:00 - 12:55)

-Conveners: Sven-Olaf Moch

time	[id] title	presenter
09:00	[66] Searches of physics/particles beyond the Standard Model at the LHC	ZALEWSKI, Piotr
09:25	Discussion	
09:30	[21] Di-boson production at high transverse momenta beyond NLO QCD	CAMPANARIO, Francisco
09:50	Discussion	
09:55	[23] Light scalar dark matter from double Higgs portal	GRZĄDKOWSKI, Bohdan
10:15	Discussion	
10:20	[24] Neutrino portal dark matter	WUDKA, Jose
10:40	Discussion	
10:45	Coffee Break	
11:15	[25] Meeting Higgs and EWPO with R-symmetric SUSY	KOTLARSKI, Wojciech
11:35	Discussion	
11:40	[67] The Inert Doublet Model in light of the LHC and astrophysical data	Prof. KRAWCZYK, Maria
12:00	Discussion	
12:05	[27] Collider searches for leptogluons	Dr ZHURIDOV, Dmitry
12:25	Discussion	
12:30	[73] Heavy neutrinos masses and mixings at LHC	JELIŃSKI, Tomasz
12:50	Discussion	

Wednesday, 16 September 2015

Morning session (08:50 - 12:20)

-Conveners: Guido Montagna

time	[id] title	presenter
08:50	[35] News on $g-2$ of the muon	Prof. STOECKINGER, Dominik
09:15	Discussion	
09:20	[36] Hadronic contributions to $(g-2)_\mu$ and α_{QED}	Dr NOMURA, Daisuke
09:45	Discussion	
09:50	[37] Pion form factor measurement at BES-III	Mr MARTIN, Ripka
10:10	Discussion	
10:15	Coffee Break	
10:40	[38] Low energy hadron physics with CARLOMAT_3.0	KOŁODZIEJ, Karol
11:00	Discussion	
11:05	[39] χ_{c1} and χ_{c2} production in e^+e^- annihilation	TRACZ, Szymon
11:25	Discussion	
11:30	[40] Bound muon decay and its role in new physics searches	Dr SZAFRON, Robert
11:50	Discussion	
11:55	[41] Towards First Physics at Belle II	Dr FERBER, Torben
12:15	Discussion	

Thursday, 17 September 2015

Morning session (09:00 - 12:30)

-Conveners: Bohdan Grządkowski

time	[id] title	presenter
09:00	[42] Recent results on neutrino cross sections	Dr WACHALA, Tomasz
09:25	Discussion	
09:30	[43] Neutrinos and Collider Physics	Dr DEPPISCH, Frank
09:55	Discussion	
10:00	[44] Radiative origin of neutrino masses	Dr ARISTIZABAL, Diego
10:20	Discussion	
10:25	Coffee Break	
10:55	[45] Higgs boson(s) in LR model	Dr MAIEZZA, Alessio
11:15	Discussion	
11:20	[46] Constraints on the Higgs sector from radiative mass generation of neutrinos	Mr GAJDOSIK, Thomas
11:35	Discussion	
11:40	[47] NuWro - the Monte Carlo generator of neutrino interactions	Dr ŹMUDA, Jakub
12:00	Discussion	
12:05	[48] Is it possible to recover the correct theory of gravity from cosmology?	Prof. SOKOLOWSKI, Leszek
12:25	Discussion	

Friday, 18 September 2015

Morning session (09:00 - 12:55)

-Conveners: Frank Deppisch

time	[id] title	presenter
09:00	[58] Equilibration of the quark-gluon plasma produced by decays of color flux tubes	FLORKOWSKI, Wojciech
09:20	Discussion	
09:25	[59] Recent results from NA61/SHINE experiment at CERN SPS	PULAWSKI, Szymon
09:45	Discussion	
09:50	[60] Recent results and future physics program of the Pierre Auger Cosmic Ray Observatory	SMIDA, Radomir
10:15	Discussion	
10:20	[61] Past, present and future of LAr TPC neutrinoexperiments	Dr BUBAK, Arkadiusz
10:40	Discussion	
10:45	Coffee Break	
11:15	[62] Towards Neutrino Mass Origin at LHC	NEMEVSEK, Miha
11:35	Discussion	
11:40	[63] The flavour problem and family symmetry beyond the Standard Model	Ms RICHTER, Monika
12:00	Discussion	
12:05	[65] Roots of unity and lepton mixing patterns from finite flavour symmetries	Dr GRIMUS, Walter
12:25	Discussion	