

Matter To The Deepest 2015

Monday, 14 September 2015

Afternoon session (15:00 - 19:00)

-Conveners: Dominik Stoeckinger

time	[id] title	presenter
15:00	[30] The $\mathcal{B}(\bar{B}) \rightarrow X_s \gamma$ for an arbitrary charm quark mass	REHMAN, Abdur
15:15	Discussion	
15:20	[12] Mellin-Barnes representations of Feynman integrals: a construction and solutions	Mr GLUZA, Janusz
15:40	Discussion	
15:45	[14] Simplifying systems of differential equations. The case of the Sunrise graph	Dr TANCREDI, Lorenzo
16:00	Discussion	
16:05	[13] The Sunrise Integral and Elliptic Polylogarithms	ADAMS, Luise
16:20	Discussion	
16:25	Coffee Break	
16:55	[15] Calculation of multi-scale, multi-loop integrals with SecDec 3	Dr BOROWKA, Sophia
17:10	Discussion	
17:15	[16] The Matrix Element Method at next-to-leading order accuracy	MARTINI, Till
17:30	Discussion	
17:35	[17] Introducing Loopedia	Mr PAPARA, Viktor
17:50	Discussion	

Tuesday, 15 September 2015

Afternoon session (15:00 - 18:35)

-Conveners: Zoltan Trocsanyi

time	[id] title	presenter
15:00	[68] A stable Higgs portal with vector dark matter	DUCH, Mateusz
15:15	Discussion	
15:20	[69] Higgs Dark Matter from a Warped Extra-Dimension	AHMED, Aqeel
15:35	Discussion	
15:40	[31] Status and Prospects of e+e- Linear Collider Projects	RIEMANN, Sabine
16:00	Discussion	
16:05	[32] New e+e- accelerators at Energy frontier	Prof. LESIAK, Tadeusz
16:25	Discussion	
16:30	Coffee Break	
17:00	[33] High-precision luminosity at present and future e+ e- colliders: theory status and challenges	MONTAGNA, Guido
17:20	Discussion	
17:25	[34] S-matrix approach to the Z resonance	Dr RIEMANN, Tord
17:45	Discussion	

Thursday, 17 September 2015

Afternoon session (15:00 - 18:30)

-Conveners: Jose Wudka

time	[id] title	presenter
15:00	[70] The influence of the symmetry energy on the structure of hyperon stars	Mrs BEDNAREK, Ilona
15:20	Discussion	
15:25	[49] The crust of isolated and accreting neutron stars	Dr ZDUNIK, Julian Leszek
15:45	Discussion	
15:50	[50] Impact of the strangeness on the structure of a neutron star	Ms PIENKOS, Monika
16:05	Discussion	
16:10	[52] Oppenheimer limit and Bondi limit - the case of the singular conformal curvature	WOSZCZYNA, Andrzej
16:30	Discussion	
16:35	Coffee Break	
17:05	[57] Clusters of galaxies as a tool in cosmology	Ms MIERNIK, Sylwia
17:20	Discussion	
17:25	[53] Building the cosmological models vs. different models of set theory	Mr BIELAS, Krzysztof
17:40	Discussion	
17:45	[54] The structure of the real line in Quantum Mechanics and cosmology	Mr KLIMASARA, Pawel
18:00	Discussion	