

MITP Summer School 2018: Towards the Next Quantum Field Theory of Nature

Friday, 20 July 2018

Student talks (14:00 - 15:30)

-Conveners: Evgenij Pascual; Sebastian Jaskiewicz

time	[id] title	presenter
14:00	[5] Dark glueballs and their ultralight axions	SALINAS DE SOUZA, Gustavo
14:20	[4] Precision QCD calculations and geometry	PASCUAL, Evgenij
14:40	[6] General treatment of the monopole production cross sections by Drell-Yan and Photon Fusion for Three Spin Models	BAINES, Stephanie
15:00	[7] An Introduction to Optical Doping and Improved Carrier Lifetime in Graphene	LANE, Samuel

Wednesday, 25 July 2018

Student talks (14:00 - 15:30)

-Conveners: Evgenij Pascual; Sebastian Jaskiewicz

time	[id] title	presenter
14:00	[0] IR divergences in massless QED	HANNESDÓTTIR, Hólfríður
14:20	[1] Lattice QCD - A short introduction	HUSUNG, Nikolai
14:40	[2] Soft collinear effective theory at next-to-leading power	JASKIEWICZ, Sebastian
15:00	[3] Black Hole Genesis of Dark Matter	TILLIM, Hannah

Friday, 27 July 2018

Student talks (16:00 - 17:30)

-Conveners: Evgenij Pascual; Sebastian Jaskiewicz

time	[id] title	presenter
16:00	[8] SUSY Observables in an $A(4) \times SU(5)$ model	BERNIGAUD, Jordan
16:20	[9] Leptophilic DM from Gauged Lepton Number: Phenomenology and GW Signatures	MADGE, Eric
16:40	[10] Charmonium Contribution to $B \rightarrow X_s l^+ l^-$	JENKINS, Jack

Wednesday, 1 August 2018

Student talks: Student talks (16:00 - 17:30)

-Conveners: Evgenij Pascual; Sebastian Jaskiewicz

time	[id] title	presenter
16:00	[11] Non-global logarithms in jet and isolation cone cross sections	BALSIGER, Marcel
16:20	[12] Superfluid dark matter	SHARMA, Anushrut
16:40	[13] Analytical Rational Coefficients for One Loop Standard Model Scattering Amplitudes	DE LAURENTIS, Giuseppe

Thursday, 2 August 2018

Student talks: Student talks (16:00 - 17:30)

-Conveners: Evgenij Pascual; Sebastian Jaskiewicz

time	[id] title	presenter
16:00	[14] SO(10) Non-SUSY Grand Unification	PERNOW, Marcus
16:20	[15] Diboson interference resurrection via subjets	AOUDE, Rafael