

SCET Workshop 2018

Monday 19 March 2018

Talks: Power corrections and more (M. Luke) (13:00 - 15:30)

time	[id] title	presenter
13:00	[46] Electroweak Logarithms in Inclusive Cross Sections.	MANOHAR, Aneesh Vasant
13:30	[47] Manifest IR Exponentiation At The Integrand Level	SCHABINGER, Robert
14:00	[48] SCET approach to power-enhanced QED correction in $B_s \rightarrow \mu^+ \mu^-$	SZAFRON, Robert
14:30	[49] Factorization, Renormalization and Resummation at Subleading Power	MOULT, Ian James
15:00	[50] Anomalous dimension of subleading-power N-jet operators	BENEKE, Martin

Talks: TMDs and jets (I. Stewart) (16:00 - 18:00)

time	[id] title	presenter
16:00	[51] Transverse energy distributions with rapidity cutoff in SCET	Dr MAKRIS, Yiannis
16:30	[52] Jet Vetoes with a Jet Rapidity Cut	MICHEL, Johannes
17:00	[53] Phenomenology of fragmentation with a recoil-free jet axis	ZOPPI, Lorenzo
17:30	[54] Heavy quark jet substructure	VAIDYA, Varun

Tuesday 20 March 2018

Talks: Event shapes (C. Lee) (09:00 - 10:30)

time	[id] title	presenter
09:00	[55] Energy-energy Correlation in QCD and SCET	Prof. ZHU, HuaXing
09:30	[56] Joint resummation of two angularities at NNLL	ZEUNE, Lisa
10:00	[57] Exploring improvements to the fitting of the strong coupling constant through means of soft drop	THEEUWES, Vincent

Talks: NNLO (L. Vernazza) (11:00 - 12:30)

time	[id] title	presenter
11:00	[58] Three-loop quark jet function	LIU, Zelong
11:30	[59] Massive Quark Jet Function at Two Loops	LEPENIK, Christopher
12:00	[60] Massive N-Jettiness Soft Function at NNLO	WANG, Jian

Talks: TMDs at NNLO (T. Becher) (13:30 - 15:30)

time	[id] title	presenter
13:30	[61] Higgs transverse momentum distributions at NNLO+N3LL	Dr CHEN, Xuan
14:00	[62] TMD quark beam function and fragmentation function at NNLO	YANG, Tongzhi
14:30	[63] Twist-2 TMDs at NNLO in QCD	GUTIÉRREZ REYES, Daniel
15:00	[64] Leading power quark mass effects in the p_T distribution of $gg \rightarrow H$	STAHLHOFEN, Maximilian

Talks: Automated (I. Scimemi) (16:00 - 18:00)

time	[id] title	presenter
16:00	[67] Non-global logarithms in jet and isolation cone cross sections	SHAO, Dingyu
16:30	[68] Automated resummation in SCET	BAUER, Christian
17:00	[65] QCD resummations with the ARES method	BANFI, Andrea
17:30	[66] Sudakov Form Factors and Physical Coupling from Web Exponentiation	EL-MENOUFI, Basem

Wednesday 21 March 2018

Talks: Jets (F.Tackmann) (09:00 - 10:30)

time	[id] title	presenter
09:00	[69] Telescoping deconstruction	CHIEN, Yang-Ting
09:30	[70] The (un)groomed jet mass distribution for inclusive jet production	RINGER, Felix
10:00	[71] On the cutoff dependence of jet masses obtained from parton showers	SAMITZ, Daniel

Talks: TMDs (T. Mehen) (11:00 - 12:30)

time	[id] title	presenter
11:00	[72] Joint resummation of transverse momentum and beam thrust	LUSTERMANS, Gillian
11:30	[73] A fast and accurate method for small pT resummation	KANG, Daekyoung
12:00	[74] 2D evolution and Zeta-prescription	SCIMEMI, Ignazio

Talks: Automated (C. Bauer) (13:30 - 15:30)

time	[id] title	presenter
13:30	[75] Event-based Transverse Momentum Resummation	HAGER, Monika
14:00	[77] SoftSERVE	BELL, Guido
14:30	[76] Automated calculation of N-jet soft functions	DEHNADI, Bahman
15:00	[78] SCETlib	TACKMANN, Frank

Talks: PDFs and heavy ion (A. Manohar) (16:00 - 18:00)

time	[id] title	presenter
16:00	[79] Resummations in PDF fits	ROJO, Juan
16:30	[80] Transverse momentum dependent quasi PDFs	EBERT, Markus
17:00	[81] Inverting the mass hierarchy of jet quenching with b-jet substructure	LI, Haitao
17:30	[82] Leading log resummation in high-energy nuclear collisions	WU, Bin

Thursday 22 March 2018

Talks: Small-x and glauber (M. Beneke) (09:00 - 10:30)

time	[id] title	presenter
09:00	[84] Fermionic Glauber Operators and Quark Reggeization	VITA, Gherardo
09:30	[83] Small-x Resummation From Effective Field Theory	PATHAK, Aditya
10:00	[85] Color unwound — Glauber gluons and factorisation in azimuthal asymmetries in Drell-Yan	KASEMETS, Tomas

Talks: Top quarks and more (A. Hoang) (11:00 - 12:30)

time	[id] title	presenter
11:00	[86] SCET Without Modes	LUKE, Michael
11:30	[87] The next-to-next-to-leading order soft function for top quark pair production	XU, Xiaofeng
12:00	[88] Resummation for (boosted) top-quark pair production at NNLO+NNLL'	WANG, Xing