



# SCET Workshop 2016

## Monday 21 March 2016

### Talks - Building 1b, Seminar Room 4 (13:50 - 16:00)

-Conveners: Frank Tackmann

time	[id] title	presenter
13:50	[36] Welcome	TACKMANN, Frank
14:00	[2] Resummation for top pair production at the LHC	DARREN, Scott
14:40	[3] Associated production of a top pair and a boson beyond NLO	BROGGIO, Alessandro
15:20	[4] Top quark mass calibration for Pythia with thrust	, Moritz Preisser

### Talks - Building 1b, Seminar Room 4 (16:30 - 18:30)

-Conveners: Guido Bell

time	[id] title	presenter
16:30	[5] Subleading power corrections in $B \rightarrow X_s l l$	BENZKE, Michael
17:10	[7] Factorization, resummation and sum rules for heavy-to-light form factors	WANG, Yu-Ming
17:50	[8] QCD factorization for exclusive hadronic Z decays into flavor singlet mesons	KÖNIG, Matthias

# Tuesday 22 March 2016

## Talks - Building 1b, Seminar Room 4 (09:00 - 10:10)

-Conveners: Frank Tackmann

time	[id] title	presenter
09:00	[9] Calculating soft radiation at one loop	KASEMETS, Tomas
09:35	[10] Groomed jet observables and clustering effects	YAN, Kai

## Talks - Building 1b, Seminar Room 4 (10:45 - 12:30)

-Conveners: Ignazio Scimemi

time	[id] title	presenter
10:45	[11] Jet substructure at NNLL+NNLO	FRYE, Christopher
11:20	[12] Generic dijet soft functions to two-loop order	RAHN, Rudi
11:55	[13] Resummation of e+e- angularities at NNLL	TALBERT, Jim

## Talks - Building 1b, Seminar Room 4 (14:00 - 16:00)

-Conveners: Michael Luke

time	[id] title	presenter
14:00	[14] Factorization and resummation for cone-jet processes	SHAO, DingYu
14:40	[15] Resummation of jet rates	HORNIG, Andrew
15:20	[16] Jet shapes in dijet events at the LHC	MAKRIS, Yiannis

## Talks - Building 1b, Seminar Room 4 (16:30 - 18:30)

-Conveners: Christian Bauer

time	[id] title	presenter
16:30	[17] Factorization for jet radius and algorithm effects in LHC jet mass distributions	PIETRULEWICZ, Piotr
17:10	[18] Analytical and Monte Carlo studies of jets with heavy mesons and quarkonia	REGGIE, Bain
17:50	[19] Jet fragmentation function and comparison to LHC data	RINGER, Felix

# Wednesday 23 March 2016

## Talks - Building 1b, Seminar Room 4 (09:00 - 10:10)

-Conveners: Tom Mehen

time	[id] title	presenter
09:00	[20] Structure of TMD distributions at NNLO	VLADIMIROV, Alexey
09:35	[21] Transverse momentum spectra at NNLL'+NNLO with CuTe	LÜBBERT, Thomas

## Talks - Building 1b, Seminar Room 4 (10:45 - 12:30)

-Conveners: Chris Lee

time	[id] title	presenter
10:45	[22] Rapidity renormalized TMD soft and beam functions at two loops	OREDSSON, Joel
11:20	[23] pT resummation in momentum space	EBERT, Markus
11:55	[24] Rapidity renormalization group and transverse-momentum resummation for Higgs production at N3LL	ZHU, HuaXing

## Talks - Building 1b, Seminar Room 4 (14:00 - 16:00)

-Conveners: Iain Stewart

time	[id] title	presenter
14:00	[25] Factorization and resummation for massive quark effects in exclusive Drell-Yan	SAMITZ, Daniel
14:40	[26] N-jettiness subtractions for QCD calculations at NNLO	GAUNT, Jonathan
15:20	[27] Drell-Yan production at NNLL'+NNLO matched to parton showers in GENEVA	ALIOLI, Simone

## Talks - Building 1b, Seminar Room 4 (16:30 - 18:30)

-Conveners: Markus Diehl

time	[id] title	presenter
16:30	[28] Impact of jet veto resummation on SUSY searches	ZEUNE, Lisa
17:10	[29] Resummation of electroweak Sudakov logarithms for real radiation	BAUER, Christian
17:50	[30] NNLL resummation for transverse thrust	PICLUM, Jan

# Thursday 24 March 2016

## Talks - Building 1b, Seminar Room 4 (09:00 - 10:20)

time	[id] title	presenter
09:00	[31] The three-loop cusp anomalous dimension in QCD and its supersymmetric extensions	GROZIN, Andrey
09:40	[32] Multi-loop infrared anomalous dimensions in QCD	SCHABINGER, Robert

## Talks - Building 1b, Seminar Room 4 (10:50 - 12:20)

time	[id] title	presenter
10:50	[33] The character of Glauber operators: evolution, shockwaves, Cheshire, and factorization	STEWART, Iain
11:30	[34] Small $x$ resummation from effective field theory	PATHAK, Aditya