

## Schedule of SCET2012

March 26<sup>th</sup> , 18:30-20:30 Welcome Cocktail in the Faculty of  
Mathematica, 3<sup>rd</sup> Floor, Professors Bar

March 27<sup>th</sup> , 8:45 Registration, 9:30-18:30 Workshop

March 28<sup>th</sup> , 9:30-18:30 Workshop, 21:00 Dinner

March 29<sup>th</sup> , 9:30-16:00 Workshop, 16:00 Chips and Beer.

# List of talks for SCET2012-03-22

## Speakers in alphabetic order

Speaker	Title
Becher, Thomas	Resummation for Higgs production
Bell, Guido	Jet Broadening
Chien, Yang-Tin	Resummation of Jet Mass in the Direct Photon Production
Chiu, Juy-yu Mannie	A Formalism for the Systematic Treatment of Rapidity Logarithms in Quantum Field Theory
Daekyang, Kang	Exclusive Jets in DIS
Escobedo, Miguel	Gauge Invariant Definition of the Jet Quenching Parameter $\hat{q}$ .
Feige, Ilya	Precision Jet Substructure from Boosted Event Shapes
Fickinger, Michael	Precision Thrust Cumulants at $N^3LL$
Freedman, Simon	The $k_T$ Dijet Rate in SCET with a Rapidity Regulator
García Echevarría, Miguel	The definition of the TMD's
Hornig, Andrew	Qjets in SCET
Kelley, Randall	Aspects of Non-Global Logarithms
Kirilin, Grigory	Soft Collinear Gravity
Laenen, Eric	Next-to-eikonal Exponentiation
Lee, Christopher	Non-Global Logs In-N-Out of Jets
Leibovich, Adam	Factorization and Resummation in Inclusive Quarkonium Production at Large Transverse Momentum in $p\bar{p}$ Collisions
Lorentzen, Christian	Resummation for W and Z Production at Large $p_T$
Manohar, Aneesh	Double Parton Scattering
Neubert, Matthias	Electroweak Gauge-Boson Production at Small $q_T$ : Infrared Safety from the Collinear Anomaly
Ovanesyan, Grigol	Electroweak Radiative Corrections and Unitarity of the Standard Model
Pineda, Antonio	Breakdown of the Operator Product Expansion in the 't Hooft Model
Ridolfi, Giovanni	Threshold Resummation in QCD vs SCET
Serna, Eduardo	Graviton Emission in Einstein-Hilbert Gravity in the Regge Limit
Stewart, Iain	Jet Mass Predictions from SCET
Tackmann, Frank	Geneva Reloaded: First Results from Event Generation with SCET
Vernazza, Leonardo	Analysis of the Anomalous-dimension Matrix of n-jet Operators in SCET up to 4 Loops
Walsh, Jonathan	Jet Rates in SCET
Wang, Wei	Factorization of Heavy-to-Light Baryonic Transitions in SCET
Zuberi, Saba	Disentangling Clustering Effects in Jet Algorithms

## Schedule of talks

The time for talks is understood as: 40'=25'+15', 30'=20'+10'.

	Day, Length	Chair	Speaker	Title
	March 27, 2012			
25'+15'	9:30-10:10	C. Bauer	Chiu, Juy-yu Mannie	A Formalism for the Systematic Treatment of Rapidity Logarithms in Quantum Field Theory
25'+15'	10:10-10:50		García Echevarría, Miguel	The definition of the TMD's
25'+15'	10:50-11:30		Neubert, Matthias	Electroweak Gauge-boson Production at Small qT: Infrared Safety from the Collinear Anomaly
Coffee	11:30-12:00			
20'+10'	12:00-12:30	T. Mehen	Lorentzen, Christian	Resummation for W and Z Production at Large pT
20'+10'	12:30-13:00		Ovanesyan, Grigol	Electroweak Radiative Corrections and Unitarity of Standard Model
Lunch	13:00-15:00			
25'+15'	15:00-15:40	A. Pineda	Manohar, Aneesh	Double Parton Scattering
20'+10'	15:40-16:10		Becher, Thomas	Resummation for Higgs Production
20'+10'	16:10-16:40		Ridolfi, Giovanni	Threshold Resummation in QCD vs SCET
Coffee	16:40-17:00			
20'+10'	17:00-17:30	F. Tackmann	Bell, Guido	Jet Broadening
20'+10'	17:30-18:00		Vernazza, Leonardo	Analysis of the Anomalous-dimension Matrix of n-jet Operators in SCET up to 4 Loops
20'+10'	18:00-18:30		Fickinger, Michael	Precision Thrust Cumulants at N <sup>3</sup> LL
				✓ Enjoy Madrid!
	March 28, 2012			
25'+15'	9:30-10:10	I. Stewart	Pineda, Antonio	Breakdown of the Operator Product Expansion in the 't Hooft Model
25'+15'	10:10-10:50		Laenen, Eric	Next-to-eikonal Exponentiation
20'+10'	10:50-11:20		Escobedo, Miguel	Gauge Invariant Definition of the Jet Quenching Parameter q-hat.

Coffee	11:20-11:50			
25'+15'	11:50-12:30	A. Hoang	Leibovich, Adam	Factorization and Resummation in Inclusive Quarkonium Production at Large Transverse Momentum in $p\bar{p}$ Collisions
20'+10'	12:30-13:00		Wang, Wei	Factorization of Heavy-to-Light Baryonic Transitions in SCET
Lunch	13:00-15:00			
20'+10'	15:00-15:30	M. Neubert	Kirilin, Grigory	Soft Collinear Gravity
20'+10'	15:30-16:00		Serna, Eduardo	Graviton Emission in Einstein-Hilbert Gravity in the Regge Limit
25'+15'	16:00-16:40		Tackmann, Frank	GENEVA Reloaded: First Results from Event Generation with SCET
Coffee	16:40-17:00			
20'+10'	17:00-17:30	T. Becher	Daekyang, Kang	Exclusive Jets in DIS
20'+10'	17:30-18:00		Freedman, Simon	The $k_T$ Dijet Rate in SCET with a Rapidity Regulator
20'+10'	18:00-18:30		Hornig, Andrew	Qjets in SCET
				✓ <b>Dinner! (at 21:00)</b>
	March 29, 2012			
25'+15'	9:30-10:10	A. Idilbi	Chien, Yan Ting	Resummation of Jet Mass in the Direct Photon Production
25'+15'	10:10-10:50		Stewart, Iain	Jet Mass Predictions from SCET
25'+15'	10:50-11:30		Feige, Ilya	Precision Jet Substructure from Boosted Event Shapes
Coffee	11:30-12:00			
20'+10'	12:00-12:30	A. Manohar	Kelley, Randall	Aspects of Non-Global Logarithms
20'+10'	12:30-13:00		Zuberi, Saba	Disentangling Clustering Effects in Jet Algorithms
Lunch	12:50-15:00			
20'+10'	15:00-15:30	I. Scimemi	Walsh, Jonathan	Jet Rates in SCET
20'+10'	15:30-16:00		Lee, Christopher	Non-Global Logs In-N-Out of Jets
				<b>Chips and Beer!</b>