

Benasque Programme on *Collectivity and correlations in high-energy hadron and nuclear collisions*, August 6th-17th 2018

Schedule

1st week		
Monday 6th	9.30-10.30 + discussion time	Genya Levin: CGC: odd harmonics in angular correlations
	15.00-16.00 + discussion time	Piotr Bozek: pT fluctuations, correlations, factorization breaking
Tuesday 7th	9.30-10.30 + discussion time	Yuri Kovchegov: Odd Harmonics from the Classical Gluon Fields
	11.30-12.30 + discussion time	Genya Levin: DIS as a proof of entanglement
Wednesday 8th	9.30-10.30 + discussion time	Alfred Mueller: Correspondence between decays of a gamma* and the high energy wave function of a dipole
	11.30-12.30 + discussion time	Alex Kovner: Entanglement and Entropy production at High Energy
Thursday 9th	9.30-10.30 + discussion time	Jean-Paul Blaizot: Emergence of hydrodynamics in expanding quark-gluon plasmas
	11.30-12.30 + discussion time	Edmond Iancu: On the proper formulation of the high-energy evolution beyond leading order
	15.00	Joint session with Gravity in the Quantum Lab
Friday 10th		Discussion time

2nd week		
<i>COST workshop on collectivity in small systems</i>		
Monday 13th	9.30 (30+15')	Tolga Altinoluk: Double and triple inclusive gluon production: Quantum interference in pA collisions
	10.15 (30+15')	Douglas Wertepny: Bose Enhancement in the dilute-dense limit
	11.30 (30+15')	Anna Stasto: Double parton distributions: evolution, initial conditions and transverse momentum dependence
	12.15 (30+15')	Boris Blok: Collectivity from interference
	15.00-16.00 + discussion time	Raju Venugopalan: Initial state correlations in the dilute-dense framework: results and open questions
Tuesday	9.30	Roy Lacey: Anatomy of flow correlations

14th	(30+15')	and fluctuations in Large and Small Collision Systems
	10.15 (30+15')	Wojciech Broniowski: Forward-backward correlations and decorrelations
	11.30 (30+15')	Yuri Sinyukov: Femtoscopy signatures of collective flows in p+p collisions
	12.15 (30+15')	Krzysztof Kutak: Towards generalization of low x evolution equations
Wednesday 15th	9.30 (30+15')	Stefan Floerchinger: Dynamics of entanglement in expanding quantum fields
	10.15 (30+15')	Maximilian Attems: The spinodal instability near a critical point in a droplet
Thursday 16th	Discussion time	
Friday 17th	9.30-10.30 + discussion time	Jamal Jalilian-Marian: Toward a unified approach to particle production in high energy collisions