

PROGRAM of the workshop "Physics of Saturation - precision and quasicollectivity"

Time/Date	Wed. 25.05	Thur 26.05	Friday 27.05	Sat. 28.05	Sun 29.05	Mon 30.06	Tue 31.06
7:30							
8:00	Dekel	Rotem	Dept to Desert	Dept to Jerusalem	Rotem	Rotem	Rotem
8:30	Breakfast	Breakfast	In bus Breakfast	In bus Breakfast	Breakfast	Breakfast	Breakfast
9:00	welcome	Triantafyllopoulos	Full Day	Full Day	Kutak	Discussion	Kovchegov
9:10	Venugopalan	(talk, 30+5min)			(talk, 20+5min)		(30+5)
9:20	(talk, 40+5min)						
9:30					Dumitru		
9:40		Discussion	Excursion	Excursion	(talk, 20+5 min)		Balitsky
9:50		(Mueller)					(talk 40+5)
10:00	Kovner				Discussion		
10:10	(talk, 40+5)						
10:20			Negev Desert	Jerusalem			Discussion
10:30		Coffee Break					
10:40					Coffee Break	Coffee Break	Coffee Break
10:50		Milov					
11:00	Coffee Break	(talk, 25+5min)					
11:10					Skokov	Beuf	Discussion
11:20	BGU	Citron			(talk, 30+5min)	(talk, 30+5min)	(Beuf)
11:30		(talk, 25+5min)					
11:40							
11:50		Discussion			Discussion	Yair Mulian	Discussion
12:00		(Milov+Citron)			(Kutak+Kovner)	(talk, 20+5min)	(Kovchegov)
12:10	Discussion						
12:20							
12:30							
12:40							
12:50							
13:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:20							

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14:00-14:10	Armesto (talk, 30+5min)	Raju Mini course
14:10-14:20	Discussion (Armesto)	Lecture 1
14:20-14:30		free Discussion
14:30-14:40		
14:40-15:00		
15:00-15:20		
15:20-15:30	Coffee Break	
15:30-15:40		
16:00-17:40	Discussion	Discussion

return to Utel return to Utel

18:20-18:40	Beer Sheva Anzac museum
18:40-19:00	Dept for Dinner
19:00-19:20	Welcome
19:20-19:40	Dinner "Butchery"
19:40-20:00	
20:00-21:00	
21:00-22:00	return to Utel

18:20-18:40	Dept for Dinner
18:40-19:00	Dept for Dinner
19:00-19:20	Kovner's Fest "Yakuta"
19:20-19:40	
19:40-20:00	Dinner "Kampai"
20:00-21:00	
21:00-22:00	return to Utel

14:00-14:10	Lublinsky (talk, 20+5min)
14:10-14:20	Discussion
14:20-14:30	
14:30-14:40	
14:40-15:00	
15:00-15:20	
15:20-15:30	Coffee Break
15:30-15:40	
16:00-17:40	Discussion

14:00-14:10	HEP Seminar	Depart Dead Sea
14:10-14:20	Al Mueller	
14:20-14:30		
14:30-14:40		
14:40-15:00		
15:00-15:20		
15:20-15:30	Coffee break	
15:30-15:40		
16:00-17:40	Discussion	

18:20-18:40	Dept for Dinner
18:40-19:00	Dept for Dinner
19:00-19:20	Dinner
19:20-19:40	Dinner "Golden Goose"
19:40-20:00	
20:00-21:00	
21:00-22:00	return to Utel

return to Utel

List of talks

Talk Title

1	Alex Kovner	30min	Pomerons in the toy world
2	Nestor Armesto		Correlations from the initial stage
3	Raju Venugopalan	40 min	Role of the chiral anomaly in polarized deeply inelastic scattering at sm
4	Vladi Skokov	30 min	Entanglement and ignorance entropies in CGC
5	Yuri Kovchegov	30 min	Quark and Gluon Helicity Evolution at Small x: Revised and Updated
6	Adrian Dumitru	20 min	Quark and gluon entanglement in the light-cone wave function of the p
7	Ian Balitsky	40min	Rapidity-only factorization for particle production in hadron collisions
8			
9	Alfred Mueller	seminar	Saturation in high energy scattering and heavy ion collisions
10	Krzysztof Kutak	20 min	Evidence for the maximally entangled low x proton in Deep Inelastic Scattering
11			
12	Raju Venugopalan	Lecture 1 (mini-course)	The infrared structure of QED and QCD as a many-body theory of world-lines
13			
14	Yair Mulian	20 mins	Next-to-leading order photon+jet cross section
15			
16	Michael Lublinsky	20 mins	NLO JIMWLK with heavy quarks
17			
18	Alex Milov		soft physics/large systems moving into harder observables/smaller sys
19	Zvi Citron		soft physics/large systems moving into harder observables/smaller sys
20	Guillaume Beuf	30min	DIS dijets at NEik accuracy including target dynamics effects
22	Dionysios Triantafyllopoulos	30min	Gluon dipole and factorization in diffractive DIS

Proposed Discussion topics

Kovchegov	sub-eikonal observables and beyond aspects of entropy in low x physics
Kutak	
Beuf	Interplay between collinear improvement of low x evolution and soft physics, Sudakov logs, ϵ
Mueller	"Saturation and unitarity in diffractive processes" or "Saturation and unitarity in coherent nuclear processes".
Skokov	Two-particle correlations in UPC

all and large x

proton at moderate x

g from H1 data

ρ : Memory and soft theorems

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etc...