

Workshop

Integrability and Gauge Theory

IPhT, Saclay

12-14 November 2014

Organizers:

Gregory Korchemsky

Ivan Kostov

Didina Serban



SPEAKERS:

Benjamin Basso

Lorenzo Bianchi

Tobias Hansen

Romuald Janik

Yunfeng Jiang

Nils Kanning

Andrei Petrovskii

Alessandro Sfondrini

Grigory Sizov

Ilya Tipunin

Gabor Zsolt

Programme:

Wednesday 12 November Amphi Bloch

11.00-11.45	Janik	String Field Theory, integrability and OPE coefficients
12.00-12.45	Jiang	Three-point functions and Spin Vertex I
14.15-15.00	Petrovskii	Three-point functions and Spin Vertex II
15.00-15.45	Sizov	Exact Slope and Interpolating Functions in ABJM Theory
16.15-17.00	Zsolt	On the weak coupling expansion of the TBA equations for the cusp anomalous dimension in the N=4 super Yang-Mills theory

Thursday 13 November Amphi Bloch

11.00-11.45	Basso	On the Regge limit of scattering amplitudes
12.00-12.45	Bianchi	Sigma-model perturbation theory and unitarity methods
14.15-15.00	Sfondrini	Integrability for AdS3/CFT2
15.00-15.45	Hansen	From strings in target space to conformal correlators in d dimensions
16.15-17.00	Kanning	Graßmannian integral for non-compact oscillator Yangian invariants

Friday 14 November Salle Claude Itzykson

14.15-15.15	Tipunin	Nichols algebras, screenings and $sl(2 1)$ logarithmic CFTs
15.30-17.00	Discussion	

