

International conference  
Higher Spin Theory and Holography-5

November 30- December 02, 2016

Lebedev Institute

Supported by RSF grant 14-42-00047

CONFERENCE TIMETABLE<sup>1</sup>

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<sup>1</sup>Sessions will be held in Conference Hall of Department of Theoretical Physics. Conference Hall is located in Floor 0, between Room N 12 and Room N 13.

WEDNESDAY (November 30)

SCIENTIFIC TALKS

09:55-10:00

Opening

10:00-10:30

E. Joung

More on higher-spin one-loop

10:30-11:00

K. Alkalaev

Many-point classical conformal  
blocks and geodesic networks on  
the hyperbolic plane

11:00-11:30

M. Taronna

Higher-Spin Algebras, Holography  
and Flat Space

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11:30-12:00 COFFEE BREAK  
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LECTURE FOR YOUNG SCIENTISTS

12:00-13:30

X. Bekaert

Massless elementary particles with  
continuous spin

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13:30-13:45 COFFEE BREAK  
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LECTURE FOR YOUNG SCIENTISTS

13:45-15:15

M. Taronna

Methods in higher-spin holography

THURSDAY (December 01)

11:00-11.30	C. Iazeolla	Analysis of higher-spin black hole plus scalar modes in different gauges
11:30-12:00	I.Kharuk	Emergent Lorentz invariance with chiral fermions
12:00-12:15	COFFEE BREAK	
12:15-12:45	M.A. Grigoriev	Comments on conformal higher spins in curved background
12:45-13:15	E. Skvortsov	Higher-spin currents in (Chern-Simons) vector-models and AdS/CFT
13:15-15:00	LUNCH	
15:00-15:30	V. Didenko	On local Lorentz symmetry in hs systems
15:30-16:00	K. Mkrtchyan	On mixed symmetry fields on (A)dS and flat backgrounds
16:00-16:15	COFFEE BREAK	
16:15-16:45	N. Misuna	Perturbative analysis in HS theory: physical sector
16:45-17:15	R.R. Metsaev	Continuous spin field in (A)dS

FRIDAY (December 02)

11:00-11:30	D. Polyakov	Counting Higher Spin Irreps from String Field Theory
11:30-12:00	K. Stepanyantz	Finiteness of the triple ghost-gauge vertices in N=1 SYM theories
12:00-12:15	COFFEE BREAK	
12:15-12:45	M.A. Vasiliev	Local Current Interactions from Nonlinear Higher-Spin Equations in the one-form sector I
12:45-13:15	O.A. Gelfond	Local Current Interactions from Nonlinear Higher-Spin Equations in the one-form sector II
13:15-15:00	LUNCH	
15:00-15:30	D. Ageev	Holographic instantaneous heating up in 2d CFT
15:30-16:00	T. McLoughlin	Twistors, Conformal Higher Spin Theory and Scattering Amplitudes
16:00-16:15	COFFEE BREAK	
16:15-16:45	D. Ponomarev	Light-Front Higher-Spin Theories in Flat Space
16:45-17:15	E.D. Skvortsov	Exceptional F(4) Higher-Spin Theory in AdS(6) at One-Loop and other Tests of Duality
17:15-17:45	A.A. Tseytlin	Deformations of AdS sigma models and 2d dualities