

International conference
Higher Spin Theory and Holography-3

November 23-25, 2015

Lebedev Institute

Supported by RSF grant 14-42-00047

CONFERENCE TIMETABLE¹

¹Sessions 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.

MONDAY (November 23)

SCIENTIFIC TALKS

09:25-09:30

Opening

09:30-10:00

L. Bonora

Odd parity correlators in 3d
and higher spin currents

10:00-10:30

D. Sorokin

Fermionic higher-spin triplets in AdS

10:30-11:00

K. Alkalaev

Monodromic vs holographic computation
of Virasoro classical conformal blocks

11:00-11:30

D. Francia

Mixed Symmetry Multiplets and
Higher-Spin Curvatures

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11:30-12:00

COFFEE BREAK

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LECTURE FOR YOUNG SCIENTISTS

12:00-13:30

X. Bekaert

The spin: from quantum tops to
elementary particles

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13:30-13:45

COFFEE BREAK

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LECTURE FOR YOUNG SCIENTISTS

13:45-15:15

V. Didenko

Hidden symmetries of black holes

TUESDAY (November 24)

11:00-11.30 D. Ponomarev Quartic Interactions in Higher-Spin Gravity from Conformal Field Theory

11:30-12:00 C. Iazeolla Instanton solutions to 3D higher-spin gravity

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12:00-12:15 COFFEE BREAK
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12:15-12:45 O.A. Gelfond Conserved higher-spin charges in AdS(4)

12:45-13:15 M.A. Grigoriev Comments on conformal gauge fields

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13:15-15:00 LUNCH
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15:00-15:30 L. Bork Divergences in maximal supersymmetric YM theories in diverse dimensions

15:30-16:00 K. Stepanyantz Higher covariant derivative regularization in supersymmetric theories

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16:00-16:15 COFFEE BREAK
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16:15-16:45 A. Koribut Covariant Structure Constants for Deformed Oscillator Algebra

16:45-17:15 R.R. Metsaev BRST-BV approach to massless fields in AdS

WEDNESDAY (November 25)

11:00-11:30 E. Skvortsov Breaking of HS symmetry and anomalous dimensions of HS currents

11:30-12:00 M. Taronna Pseudo-local Theories on AdS: A Functional Class Proposal

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12:00-12:15 COFFEE BREAK

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12:15-12:45 X. Bekaert Newton-Cartan geometry and its ambient origin

12:45-13:15 V. Didenko On homotopy operators in higher-spin theory

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13:15-15:00 LUNCH

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15:00-15:30 E. Joung More on higher spin one loop

15:30-16:00 __E. Goncharov__ and M.A. Vasiliev Higher-spin fields and charges in periodic twistor space

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16:00-16:15 COFFEE BREAK

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16:15-16:45 Yu. Zinoviev Partially massless spin 3 in the Fradkin-Vasiliev formalism

16:45-17:15 A.A. Tseytlin Quantum corrections in higher spin theories