



Lebedev Institute / Moscow
May 29 - June 3, 2017

GINZBURG
CENTENNIAL CONFERENCE
on PHYSICS

PROGRAMME

List of Sections

High Energy and Plasma Astrophysics

Coordinators: Vasily Beskin, Vladimir Dogiel

Superstrings, Higher-Spin Theory and AdS/CFT

Coordinators: Mikhail Vasiliev, Ruslan Metsaev

Quantum Field Theory

Coordinators: Dmitry Gitman, Anatoly Shabad

High-Energy Physics

Coordinators: Igor Dremin, Andrey Leonidov

Quantum Gravity and Cosmology

Coordinators: Andrey Barvinsky, Dmitry Nesterov

Strong Correlation Effects and High-Tc Superconductors

Coordinators: Petr Arseev, Yurii Uspenskii

Nonlinear Dynamics of Complex Systems

Coordinators: Andrey Polezhaev, Vladimir Gubernov

Precise Measurements, Constants and Tests of Fundamental Theories

Coordinators: Nikolay Kolachevsky, Vladimir Lebedev

Schedule

Monday, May 29

8.00 – 9.00	Registration
9.00 – 9.15	Opening
9.15 – 10.45	Plenary Sessions
10.45 – 11.00	Coffee-Break
11.00 – 13.00	Sectional Sessions
13.00 – 14.30	Lunch
14.30 – 16.30	Sectional Sessions
16.30 – 17.00	Coffee-Break
17.00 – 18.30	Memorial Session
19.00	Welcome Party

Tuesday, May 30

9.00 – 10.30	Plenary Sessions
10.30 – 11.00	Coffee-Break
11.00 – 13.00	Sectional Sessions
13.00 – 14.30	Lunch
14.30 – 16.30	Sectional Sessions
16.30 – 17.00	Coffee-Break
17.00 – 19.00	Sectional Sessions

Wednesday, May 31

9.00 – 10.30	Plenary Sessions
10.30 – 11.00	Coffee-Break
11.00 – 13.00	Sectional Sessions
13.00 – 14.30	Lunch
15.00	Excursion

Thursday, June 1

9.00 – 10.30	Plenary Sessions
10.30 – 11.00	Coffee-Break
11.00 – 13.00	Sectional Sessions
13.00 – 14.30	Lunch
14.30 – 16.30	Sectional Sessions
16.30 – 17.00	Coffee-Break
17.00 – 18.30	Sectional Sessions
19.00	Banquet

Friday, June 2

9.00 – 10.30	Plenary Sessions
10.30 – 11.00	Coffee-Break
11.00 – 13.00	Sectional Sessions
13.00 – 14.30	Lunch
14.30 – 16.30	Sectional Sessions
16.30 – 17.00	Coffee-Break
17.00 – 18.30	Sectional Sessions
19.00	Banquet

Saturday, June 3

9.00 – 10.30	Sectional Sessions
10.30 – 11.00	Coffee-Break
11.00 – 12.30	Plenary Session
12.30 – 13.00	Closing
13.00 – 14.30	Lunch

Monday, May 29

- 8.00 – 9.00 Registration
- 9.00 – 9.15 Opening (Main Conference Hall)

Plenary Sessions (Main Conference Hall)

- 9.15 – 10.00 Bruce Allen
- 10.00 – 10.45 Roger Blandford

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Field Theory (Physical Hall)	Nonlinear Dynamics (Tamm Hall)
11.00	R. Sunyaev	C. Hull	S. Fulling	V. Zakharov
11.30		D. Sorokin	S. Gavrilov	L. Kagan
12.00	E. Blackman	M. Taronna	A. Shabad	S. Fedotov
12.30	V. Kocharovski	C. Sleight	S. Glazyrin	K. Maruta

	Condensed Matter Physics (PhD Room)	Quantum Gravity and Cosmology (Library Hall)	Precise Measurements (Room 101)
11.00	A. Chaplik	V. Frolov	P. Crivelli
11.30	D. Efremov	D. Gorbunov	N. Kolachevsky
12.00	D. Khomskii	O. Zaslavskii	E. Widmann
12.30	S. Streltsov		V. Nesvizhevsky

- 13.00 – 14.30 Lunch

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Field Theory (Physical Hall)	Nonlinear Dynamics (Tamm Hall)
14.30	V. Schönfelder	M. Bianchi	I. Volovich	V. Nekorkin
15.00		I. Bandos	K. Bering	V. Anischenko
15.30	E. Churazov	S. Kuzenko	B. Ovrut	G. Guria
16.00	A. Goldwurm	P. Vanhove	L. Bork	E. Volkov

	Condensed Matter Physics (PhD Room)	Quantum Gravity and Cosmology (Library Hall)	Precise Measurements (Room 101)
14.30	J. Pekola	R. Casadio	M. Eides
15.00	A. Zaikin	E. Babichev	K. Khabarova
15.30	A. Katanin	A. Zelnikov	I. Beterov
16.00	A. Rubtsov	M. Iofa	V. Korobov

- 16.30 – 17.00 Coffee-Break

Memorial Session (Main Conference Hall)

- 17.00 – 18.30

Welcome Party

- 19.00

Tuesday, May 30

Plenary Sessions (Main Conference Hall)

- 9.00 – 9.45 Sergei Gukov
- 9.45 – 10.30 Paul Clavin

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Field Theory (Physical Hall)
11.00	L. Drury	A. Gorsky	A. Slavnov
11.30		A. Isaev	M. Soloviev
12.00	V. Berezhinsky	S. Krivonos	E. Ivanov
12.30		A. Sutulin	J. Buchbinder

	Nonlinear Dynamics (Tamm Hall)	Quantum Gravity and Cosmology (Library Hall)	Precise Measurements (Room 101)
11.00	L. Biferale	S. Mukhanov	M. Musha
11.30	E. Kuznetsov	A. Kamenshchik	M. Katsuragawa
12.00	N. Smirnov	S. Mironov	A. Voronin
12.30	A. Polezhaev	S. Vernov	V. Rudenko

- 13.00 – 14.30 Lunch

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Field Theory (Physical Hall)
14.30	G. Fleishman	M. Moshe	S. Smolyansky
15.00	G. Bisnovatyi-Kogan	K. Mkrtchyan	V. Shabaev
15.30	A. Shukurov	D. Ponomarev	S. Lebedev
16.00	I. Moskalenko	A. Tseytlin	A. Panferov

	Nonlinear Dynamics (Tamm Hall)	Quantum Gravity and Cosmology (Library Hall)	Condensed Matter Physics (PhD Room)
14.30	V. Bykov	P. Stamp	E. Sukhorukov
15.00	V. Yakhno	D. Gal'tsov	W. Belzig
15.30	Yu. Vassilevski	M. Volkov	P. Arseev
16.00	R. Stoop	M. Ivanov	A. Semenov

- 16.30 – 17.00 Coffee-Break

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Nonlinear dynamics (Tamm Hall)
17.00	A. Bykov	N. Nekrasov	S. Rashkovskiy
17.30	Ya. Istomin	Yu. Zinoviev	V. Kurdyumov
18.00	D. Breitschwerdt	E. Skvortsov	S. Panyukov
18.30	G. Brunetti	N. Misuna	

Wednesday, May 31

Plenary Sessions (Main Conference Hall)

- 9.00 – 9.45 Ekkehard Peik
- 9.45 – 10.30 Marc Henneaux

Sectional Sessions

	Astrophysics (Conference Hall)	Quantum Gravity and Cosmology (Library Hall)	Quantum Field Theory (Physical Hall)
11.00	A. Lagutin	S. Sibiryakov	D. Kazakov
11.30	K.-S. Cheng	C. Steinwachs	S. Konstein
12.00	H. Inoue	A. Vikman	L. Chekhov
12.30	M. Panasyuk		A. Lobanov

	Condensed Matter Physics (PhD Room)	Nonlinear Dynamics (Tamm Hall)
11.00	A. Buzdin	V. Gubernov
11.30	A. Melnikov	A. Kolobov
12.00	K. Arutyunov	S. Minaev
12.30		A. Lobanov

- 14.00 Excursion

Thursday, June 1

Plenary Sessions (Main Conference Hall)

- 9.00 – 9.45 Iosif Khriplovich
- 9.45 – 10.30 Vitaly Volpert

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Gravity and Cosmology (Library Hall)
11.00	L. Feretti	I. Antoniadis	S. Dubovsky
11.30	D. Sokoloff	G. Barnich	D. Fursaev
12.00	P. Frick	D. Francia	M. Katanaev
12.30	V. Zirakashvili	A. Sharapov	B. Altshuler

	Condensed Matter Physics (PhD Room)	High-Energy Physics (Tamm Hall)
11.00	V. Tugushev	L. Jenkovszky
11.30	M. Eschrig	O. Selyugin
12.00	I. Burmistrov	I. Dremin
12.30	D. Polyakov	V. Nechitailo

- 13.00 – 14.30 Lunch

Sectional Sessions

	Astrophysics (Conference Hall)	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Gravity and Cosmology (Library Hall)
14.30	A. Erlykin	A. Sagnotti	A. Filippov
15.00	M. Avillez	I. Aref'eva	A. Nikishov
15.30	A. Lobanov	D. Polyakov	V. Dokuchaev
16.00	L. Gurvits		A. Toporensky

	Condensed Matter Physics (PhD Room)	Nonlinear Dynamics (Tamm Hall)
14.30	Yu. Lozovik	V. Sirota
15.00	Yu. Uspenskii	A. Kasimov
15.30	S. Panyukov	A. Kiverin
16.00		M. Ivanchenko

16.30 – 17.00 Coffee-Break

17.00		T. Yakhno
17.30		K. Polovnikov

- o 19.00 Banquet

Friday, June 2

Plenary Sessions (Main Conference Hall)

- 9.00 – 9.45 Yuval Gefen
- 9.45 – 10.30 Sergei Sibiryakov

Sectional Sessions

	Astrophysics (Conference Hall)	Astrophysics (Physical Hall)	High-Energy Physics (Tamm Hall)
11.00	M. Barkov	R. Bühler	O. Teryaev
11.30	O. Bromberg	A. Galper	M. Vysotsky
12.00	M. Lyutikov	C.-M. Ko	A. Leonidov
12.30	S. Popov	R. Dagkesamanskii	A. Radovskaya

	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Gravity and Cosmology (Library Hall)
11.00	E. Bergshoeff	D. Levkov
11.30	M. Cederwall	A. Tokareva
12.00	O. Gelfond	E. Nugaev
12.30	W. Li	S. Ramazanov

- 13.00 – 14.30 Lunch

Sectional Sessions

	Astrophysics (Conference Hall)	Astrophysics (Physical Hall)	High-Energy Physics (Tamm Hall)
14.30	D. Bisikalo	A. Chernin	A. Snigirev
15.00	A. Cherepaschuk	L. Marochnik	Y. Simonov
15.30	R. Rafikov	A. Melatos	V. Shevchenko
16.00	S. Bogovalov	I. Novikov	V. Novikov

	Superstrings, Higher-Spins and AdS/CFT (HSS Hall)	Quantum Gravity and Cosmology (Library Hall)
14.30	D. Jafferis	V. Berezin
15.00	S. Fedoruk	I. Ginzburg
15.30	K. Yoshida	Y. Obukhov
16.00	K. Stelle	A. Baushev

- 16.30 – 17.00 Coffee-Break

Sectional Sessions

	Astrophysics (Conference Hall)	Astrophysics (Physical Hall)
17.00	V. Chechetkin	A. Zakharov
17.30	S. Fabrika	L. Dorman
18.00	D. Chernyshov	M. Rengel
18.30	D. Sob'yanin	M. Dvornikov
19.00	I. Toptygin	

Saturday, June 3

Sectional Sessions

	Astrophysics (Conference Hall)
9.00	L. Zelenyi
9.30	V. Kuznetsov
10.00	E. Waxman
10.30	N. Kardashev

- 11.00 – 11.30 Coffee-Break

Plenary Session (Main Conference Hall)

- 11.30 – 12.15 Alexey Starobinsky

Closing

- 13.00 – 14.30 Lunch