Sunday, June 29
MORNING SESSION 09:00–12:30
Chairman: S.T. Ali

09:00–09:10 Opening

09:10–10:05 Flexible polyhedra in spaces of constant curvature
Alexander GAYFULLIN, Steklov Mathematical Institute, Russia

10:10–11:05 Lax-Darboux scheme
Alexander MIKHAILOV, University of Leeds, United Kingdom

11:05–11:35 Coffee break

11:35–12:30 Dynamical systems in certain problems in number theory
Nikolay MOSHCHEVITIN, Moscow Lomonosov State University, Russia

AFTERNOON SESSION 14:20–17:05
Chairman: A. Mikhailov

14:30–15:10 Structure of invertible Darboux transformations
Ekaterina SHEMYAKOVA, State University of New York at New Paltz, USA

15:15–15:55 Lax operator algebras and gradings on semi-simple Lie algebras
Oleg SHEINMAN, Steklov Mathematical Institute, Russia

15:55–16:25 Coffee break

16:25–17:05 Lie superalgebras of Krichever-Novikov type
Martin SCHLICHENMAIER, University of Luxembourg, Luxembourg
Monday, June 30
MORNING SESSION 09:00–12:35
Chairman: S. Paycha

09:00–09:55  On the origin of higher braces
Martin MARKL, Mathematical Institute of the Academy, Czech Republic

10:00–10:55  The BV formalism for $L_\infty$-algebras and quantum $\infty$-groups
Alexander VORONOV, University of Minnesota / Kavli IPMU / IHES, USA

10:55–11:25 Coffee break

11:25–12:05  Consistent interactions and involution
Simon LYAKHOVICH, Tomsk State University, Russia

12:10–12:35  $L_\infty$ algebras from multicontact geometry
Luca VITAGLIANO, Università degli Studi di Salerno, Italy

AFTERNOON SESSION 14:30–16:50
Chairman: A. Voronov

14:30–15:10 Peierls’ brackets in non-Lagrangian field theory
Alexey SHARAPOV, Tomsk State University, Russia

15:15–15:55 On $n$-ary analogue of Lie (super)algebras
Elizaveta VISHNYAKOVA, University of Luxembourg, Luxembourg

15:55–16:25 Coffee break

16:25–16:50 On volumes of classical supermanifolds
Theodore VORONOV, University of Manchester, United Kingdom
Tuesday, July 1
MORNING SESSION 09:00–12:05
Chairman: K. Mackenzie

09:00–09:55 Normal Forms in Poisson Geometry and Lie Groupoid Theory (part 1)
Rui Loja FERNANDES, University of Illinois at Urbana-Champaign, USA

10:00–10:40 Poisson and Fourier transforms for tensor products
Vladimir MOLCHANOV, Derzhavin Tambov State University, Russia

10:40–11:10 Coffee break

11:10–11:35 Stability of higher derivative dynamics
Dmitry KAPARULIN, Tomsk State University, Russia

11:40–12:05 Bundle-theoretic methods for higher-order variational calculus
Mikołaj ROTKIEWICZ, Instytut Matematyczny Polskiej Akademii Nauk, Poland

AFTERNOON SESSION 14:30–16:50
Chairman: J. Rembieliński

14:30–14:55 Towards nonlinear quantum information geometric foundations of quantum theory
Ryszard KOSTECKI, Perimeter Institute for Theoretical Physics, Canada

15:00–15:25 Supersymmetric vector coherent states for systems with Zeeman coupling and spin-orbit interactions
Mahouton Norbert HOUNKONNOU, University of Abomey-Calavi, Benin

15:25–15:55 Coffee break

15:55–16:20 Coherent States on Discrete Spaces
Goce CHADZITASKOS, České Vysoké Učení Technické v Praze, Czech Republic

16:25–16:50 On \((a, b, c)\)-derivations of Jordan algebras
Petr NOVOTNY, České Vysoké Učení Technické v Praze, Czech Republic
MORNING SESSION 09:00–12:50
Chairman: S. Nemirovski

09:00–09:55  Traces on the noncommutative torus
Sylvie PAYCHA, Universität Potsdam, Germany

10:00–10:55  Measuring noncommutative spaces: the metric
Andrzej SITARZ, Uniwersytet Jagielloński, Poland

10:55–11:25  Coffee break

11:25–12:20  Normal Forms in Poisson Geometry and Lie Groupoid Theory (part 2)
Rui Loja FERNANDES, University of Illinois at Urbana-Champaign, USA

12:25–12:50  Algebroids associated to the groupoid of partially invertible elements of W∗-algebra
Aneta SLIŻEWSKA, Uniwersytet w Białymstoku, Poland
Thursday, July 3

MORNING SESSION 09:00–12:35
Chairman: A. Sergeev

09:00–09:55  Contact topology on spaces of light rays
             Stefan NEMIROVSKI, Steklov Mathematical Institute, Russia

10:00–10:55  Normal Forms in Poisson Geometry and Lie Groupoid Theory (part 3)
             Rui Loja FERNANDES, University of Illinois at Urbana-Champaign, USA

10:55–11:25  Coffee break

11:25–11:50  Deformation Quantization of Gauge theories with Separation of Variables
             Akifumi SAKO, Tokyo University of Science, Japan

11:55–12:35  Gap probabilities and Riemann-Hilbert problems in determinantal random point processes with or
             without outliers
             Marco BERTOLA, Concordia University, Canada

AFTERNOON SESSION 14:30–16:30
Chairman: M. Bertola

14:30–15:10  On bounded solutions of differential equation on the line
             Anatolij ANTONEVICH, Uniwersytet w Białymstoku, Poland

15:10–15:35  Coffee break

15:35–16:00  Integrable systems of Neumann type
             Alina DOBROGOWSKA, Uniwersytet w Białymstoku, Poland

16:05–16:30  Lie bundle of deformed skew-symmetric matrices
             Tomasz GOLIŃSKI, Uniwersytet w Białymstoku, Poland

POSTER SESSION 16:30–17:30
in the hall upstairs
Friday, July 4
AFTERNOON SESSION 14:30–16:10
Chairman: A. Yoshioka

14:30–15:10 Nonlinear gauge transformations and the "hydrodynamical" formulation of quantum mechanics
Gerald GOLDIN, Rutgers University, USA

15:15–15:40 Hidden Lorentz symmetry of the Hořava-Lifshitz gravity
Jakub REMBIELIŃSKI, Uniwersytet Łódzki, Poland

15:45–16:10 On some quaternionic coherent states and wavelets
Syed Twareque ALI, Concordia University, Canada

Special economics session 16:30–17:30
Chairman: B. Mielnik

16:30–16:45 From Nicolas Copernicus economical law up to the modern disasters
Bogdan MIELNIK, CINVESTAV, Mexico

Łukasz HARDT, Uniwersytet Warszawski, Poland
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<td>Karl-Hermann NEEB</td>
<td>Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</td>
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<td>Spectral Singularities, Unidirectional Invisibility, and Dynamical Formulation of One-Dimensional Scattering Theory</td>
<td>Ali MOSTAFAZADEH</td>
<td>Koç University, Turkey</td>
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<td>Matrix beta-integrals</td>
<td>Yurii NERETIN</td>
<td>Institute for Theoretical and Experimental Physics, Russia</td>
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<td>Star function, example and application</td>
<td>Akira YOSHIOKA</td>
<td>Tokyo University of Science, Japan</td>
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<td>Differential equations on complex manifolds</td>
<td>Anton SAVIN</td>
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<td>Andreas RUFFING</td>
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<td>Some properties of solution of Volterra difference equations</td>
<td>Ewa SCHMEIDEL</td>
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<td>On moduli space of Yang-Mills gauge fields on $\mathbb{R}^4$</td>
<td>Armen SERGEEV</td>
<td>Steklov Mathematical Institute, Russia</td>
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