



**Program of the conference**  
**Geometry Days in Novosibirsk –2019**

**Monday, August 26**

13:30-14:00	<i>Registration (Ground floor of the Novosibirsk State University (Pirogova, 1))</i>	
14:00-14:10	<i>Opening of the conference</i>	
<b>Plenary talks (conference hall (room 212))</b>		
14:10-14:50	<b>M. Guzev.</b> <i>Lame's stress potential method for plane non-euclidean problem.</i>	
14:55-15:35	<b>H. Fan.</b> <i>On gauged linear sigma model.</i>	
<i>Coffee break (20 minutes)</i>		
15:55-16:35	<b>A. Shafarevich.</b> <i>Lagrangian manifolds and quantization rules, corresponding to semi-classical eigenvalues of the Schroedinger equation on a surface with conic singularity</i>	
<b>Sectional talks</b>		
<b>Section A (conference hall (room 212))</b>		<b>Section B (room 2348)</b>
16:40-17:00	<b>A. Dobrogowska.</b> <i>R-matrix, Lax pair and multiparameter decompositions of Lie algebras.</i>	<b>A. Greshnov, R. Zhukov.</b> <i>Inner cc-homogeneous cone condition and hyperspaces of canonical Engel group.</i>
17:00-17:20	<b>T. Golinski.</b> <i>Existence of queer Poisson brackets on Banach spaces.</i>	<b>V. Golubyatnikov.</b> <i>A Link in phase portrait of one piecewise lineardynamical system.</i>
17:20-17:40	<b>S. Nikcevic.</b> <i>Homothety Curvature Homogenrity.</i>	<b>Ya. Kopylov.</b> <i>On the <math>L_{\{qp\}}</math>-cohomology of twisted cylinders.</i>
<i>18:00 Welcome party</i>		

## Tuesday, August 27

### Plenary talks (conference hall (room 212))

14:30-15:10	<b>Z. Rakic.</b> <i>On new cosmological solutions in non-local modified gravity.</i>	
15:15-15:55	<b>D. Osipov.</b> <i>Reciprocity laws on algebraic varieties and Contou-Carrere symbols.</i>	
<i>Coffee break (20 minutes)</i>		
16:15-16:55	<b>M. Đorić.</b> <i>CR Submanifolds.</i>	
<b>Sectional talks</b>		
<b>Section A (conference hall (room 212))</b>		<b>Section B (room 2348)</b>
17:00-17:20	<b>D. Nigomedyanov.</b> <i>Special Polyhedra with maximal rank of homology group <math>H_2(P;Z_2)</math>.</i>	<b>I. Zubareva.</b> <i>On standard paths with constant internal curvatures on spheres of pseudo-Euclidean space.</i>
17:20-17:40	<b>S. Agapov.</b> <i>On polynomial first integrals of magnetic geodesic flows on the 2-torus</i>	E. Rodionov, <b>D. Oskorbin.</b> <i>Killing vector fields and Ricci solitons on generalized Cachen-Wallach spaces.</i>

## Wednesday, August 28

### Plenary talks (conference hall (room 212))

09:00-09:40	<b>V. Berestovskiy.</b> <i>The Pontryagin Maximum Principle, (co)adjoint representation, and normal geodesics of left-invariant (sub-)Finsler metrics on Lie groups.</i>	
09:45-10:25	<b>V. Alexandrov.</b> <i>A sufficient condition for a polyhedron to be rigid.</i>	
<i>Coffee break (20 minutes)</i>		
10:45-11:25	<b>S. Stepanov.</b> <i>The Sampson Laplacian and its applications.</i>	
11:30-12:10	<b>V. Aseev.</b> <i>On multivalued quasimobius mappings.</i>	
<i>Coffee break (20 minutes)</i>		
<b>Sectional talks</b>		
<b>Section A (conference hall (room 212))</b>		<b>Section B (room 2348)</b>
12:30-12:50	<b>M. Chanchieva.</b> <i>On Families of Subarcs in Non-PCF Dendrites</i>	<b>P. Chernikov.</b> <i>On one property of space of models.</i>
12:50-13:10	<b>K. Kamalutdinov.</b> <i>Self-intersections of self-similar sets under translations and extensions of copies</i>	<b>R. Bogdanova, V.A. Kyrov.</b> <i>Group of motions of a special four-dimensional extension of Euclidean three-dimensional geometry.</i>

## Thursday, August 29

<b>Plenary talks (conference hall (room 212))</b>	
14:30-15:10	<b>N. Tyurin.</b> <i>The moduli space of D-exact Lagrangian submanifolds.</i>
15:15-15:55	<b>E. Fominykh.</b> <i>New aspects of complexity theory for 3-manifolds.</i>
<i>C o f f e e b r e a k (20 minutes)</i>	
16:15-16:55	<b>A. Malyutin.</b> <i>Hyperbolic knots are not generic.</i>
<b>Sectional talks</b>	
<b>Section A (conference hall (room 212))</b>	<b>Section B (room 2348)</b>
17:00-17:20	P. Klepikov, E. Rodionov, <b>O. Khromova.</b> <i>Invariant tensor fields on locally homogeneous spaces with vectorial torsion.</i>
17:20-17:40	<b>P. Singh.</b> <i>Types of growth points of a dendrite.</i>
17:40-18:00	<b>A. Romanov.</b> <i>On the continuity of Sobolev type functions.</i>

## Friday, August 30

<b>Plenary talks (conference hall (room 212))</b>	
14:30-15:10	<b>Yu. Kordyukov.</b> <i>Generalized Bergman kernels on symplectic manifolds of bounded geometry.</i>
15:15-15:55	<b>M. Korobkov.</b> <i>Morse-Sard theorem and Luzin N-property: a new synthesis result for smooth and Sobolev mappings.</i>
<i>C o f f e e b r e a k (20 minutes)</i>	
16:15-16:55	<b>A. Tetenov.</b> <i>Deformations of polygaskets in the plane.</i>