



Program
International Conference "Geometry Days in Novosibirsk - 2016"
Wednesday, September 21



Plenary talks (conference hall)		
9:00 – 9:50	I. A. Panin, <i>On a Grothendieck-Serre conjecture</i>	
<i>Coffee break (20 minutes)</i>		
10:10 – 11:00	A. Szczepański, <i>Introduction to flat manifolds</i>	
11:10 – 12:00	S. V. Buyalo, <i>Möbius structures and timed causal spaces on the circle</i>	
<i>Conference photo, Lunch (120 minutes)</i>		
14:00 – 14:50	A. E. Mironov, <i>Integrable magnetic geodesic flows on 2-torus: new examples via quasi-linear system of PDEs</i>	
Sectional talks		
	Section A (conference hall)	Section B (room 417)
15:00 – 15:20	A. V. Smirnov, <i>4-dimensional graph-manifolds with the fundamental group quasi-isometric to the fundamental group of an orthogonal graph-manifold</i>	A. E. Gutman, <i>Nonclosed Archimedean cones</i>
15:25 – 15:45	V. O. Zolotov, <i>Markov's type and Alexandrov's spaces</i>	A. G. Kachurovskii, <i>Large deviations and rates of convergence of ergodic averages</i>
<i>Coffee break (25 minutes)</i>		
16:10 – 16:30	D. A. Gorodkov, <i>Three minimal triangulations of the quaternionic projective plane</i>	A. V. Levichev, <i>On singularities of linear-fractional $SU(2,2)$-action in $U(1,1)$</i>
16:35 – 16:55	N. A. Abiev, <i>On evolution of positively curved invariant Riemannian metrics on Wallach spaces</i>	Ya. A. Kopylov, <i>Reduced $L_{q,p}$-cohomology of twisted cylinders</i>
17:00 – 17:20	S. V. Agapov, <i>Sub-Riemannian integrable geodesic flow for Goursat distribution</i>	I. V. Podvigin, <i>Approximative spaces for evaluating correlations in dynamical systems</i>
17:25 – 17:45	B. T. Saparbaeva, <i>Schrödinger an operator corresponding to the family of Hamiltonian minimal Lagrangian surfaces in CP^2</i>	E. S. Kornev, <i>Sublegendrian and sublagrangian submanifolds</i>
17:50 – 18:10	G. S. Mauleshova, <i>On one-point commuting difference operators of rank one</i>	R. A. Panenko, <i>Φ-harmonic functions on graphs</i>



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Thursday, September 22



Plenary talks (conference hall)		
9:00 – 9:50	B. S. Kruglikov, <i>The gap phenomenon in parabolic geometry</i>	
<i>Coffee break (20 minutes)</i>		
10:10 – 11:00	A. A. Gaifullin, <i>Small covers of graph-associahedra and URC-manifolds</i>	
11:10 – 12:00	Ch. Bandt, <i>On overlapping self-similar measures</i>	
<i>Lunch (120 minutes)</i>		
14:00 – 14:50	N. A. Tyurin, <i>Special Bohr-Sommerfeld geometry</i>	
Sectional talks		
	Section A (conference hall)	Section B (room 417)
15:00 – 15:20	V. V. Aseev, <i>Quasi-conformal prolongations on a plane</i>	V. V. Starostina, <i>Normed planes in the tangent cone to the chord space with non-positive curvature</i>
15:25 – 15:45	A. G. Megrabov, <i>On some formulas for families of curves and surfaces and Aminov's divergent representations</i>	D. N. Oskorbin, <i>Ricci solitons on Walker manifolds of small dimension</i>
<i>Coffee break (25 minutes)</i>		
16:10 – 16:30	M. B. Banaru, <i>Identities of Gray and their generalizations</i>	P. N. Klepikov, <i>On metric Lie groups with harmonic Weyl tensor</i>
16:35 – 16:55	L. R. Nabeeva, <i>Spines of knots complements in thickened Klein bottle</i>	V. A. Kyrov, <i>The problem of attachment of pseudo-Euclidean and simplicial geometries</i>
17:00 – 17:20	K. G. Kamalutdinov, <i>Stability of Jordan zippers with an alternating signature</i>	R. A. Bogdanova, <i>The derivation of the equation of phenomenological symmetry for some three-dimensional geometries</i>



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Friday, September 23



Plenary talks (conference hall)	
9:00 – 9:50	I. A. Dynnikov, <i>A new method to distinguish Legendrian knots</i>
<i>Coffee break (20 minutes)</i>	
10:10 – 11:00	V. O. Manturov, <i>Braid Groups, Groups G_n^k and Imaginary Generators</i>
11:10 – 12:00	N. D. Lebedeva, <i>The curvature tensor for smoothing Alexandrov spaces (joint work with A. Petrunin)</i>
<i>Lunch (120 minutes)</i>	
14:00 – 14:50	V. A. Sharafutdinov, <i>The Reshetnyak formula and Natterer stability estimates in tensor tomography</i>
Sectional talks	
Section A (conference hall)	Section B (room 417)
15:00 – 15:20	V. A. Alexandrov, <i>Analog of one theorem of Van der Waerden and its application to study of maps preserving two distances</i>
15:25 – 15:45	E. A. Fominykh, <i>Turaev-Viro invariants and complexity of virtual 3-manifolds</i>
<i>Coffee break (25 minutes)</i>	
16:10 – 16:30	M. A. Ovchinnikov, <i>A three dimensional manifold defined by a 4-colored graph which is a two-fold covering of the 4-colored octahedron graph</i>
16:35 – 16:55	D. S. Rozhkov, <i>Groups of dimers of graphs for square lattices</i>
17:00 – 17:30	K. V. Storozhuk, <i>f-quasimetrics and the $\rho \rightarrow \inf \rho$-procedure</i>
Poster session (foyer of the conference hall)	
A. M. Kaigorodova, <i>Primary decomposition of knots in the thickened Klein bottle</i> A. A. Nikiforov, <i>Spines of nonorientable Seifert manifolds with nonisolated exceptional fibers</i> Ya. K. Mai, <i>Relation between notoids and knots of geometric degree 1 in a thickened torus</i> E. S. Kudina, <i>On some properties of pseudo-volume of a hyperbolic tetrahedron</i> V. V. Morozov, <i>Prime decompositions of global knots</i> E. V. Shumakova, <i>TBA</i> L. I. Urynbaeva, <i>Finite-gap solutions of the Toda chain</i> M. S. Zainullina, <i>Solutions of Tzizeica equation corresponding to singular spectral curves</i>	
18:00	<i>Conference dinner</i>



Program
International Conference "Geometry Days in Novosibirsk - 2016"
Saturday, September 24



Plenary talks (conference hall)	
9:00 – 9:50	M. V. Korobkov, <i>The bridge between Dubovitskii-Federer theorems and the Coarea formula</i>
<i>Coffee break (20 minutes)</i>	
10:10 – 11:00	S. E. Stepanov, <i>The Bochner technique for some complete Riemannian almost product manifolds and submersions of complete Riemannian manifolds</i>
11:10 – 12:00	A. V. Tetenov, <i>On attractors of IFS in uniform spaces</i>
<i>Lunch (120 minutes)</i>	