



XXIV International conference

**Mathematical Optimization Theory and Operations Research**

**MOTOR 2025**

July 7-11, 2025, Novosibirsk Scientific Center, Russia

**Scientific Program**

Novosibirsk time (GMT +7)

## July, 7 Monday

<b>9:00 – 10:00 Registration House of Scientists, Small Hall</b>			
<b>10:00 – 10:45 Open Session House of Scientists, Small Hall</b>			
<b>10:45 – 11:30 Plenary session Chair M.Khachay</b>			
<b>Alexandr Kostochka</b> (University of Illinois Urbana-Champaign, USA) <b>Equitable coloring of graphs and its variations</b>			
11:30 – 12:00 Coffee break			
<b>12:00 – 12:45 Plenary session</b>			
<b>Vassili Kolokoltsov</b> (MSU, Moscow, Russia) <b>Stochastic modelling for fighting with invasive insects and plants</b>			
15:00 – 16:30 NSU Block 3 room 3314	15:00 – 16:30 NSU Block 3 room 3313	15:00 – 16:30 NSU Block 3 room 3312	15:00 – 16:30 NSU Block 3 room 3307
<b>Mathematical Programming</b> Chair <b>R.Hildebrand</b>	<b>Game Theory</b> Chair <b>V.Marakulin</b>	<b>Combinatorial Optimization</b> Chair <b>Yu. Zakharova</b>	<b>Machine Learning</b> Chair <b>A.Ushakov</b>
<i>V.Pirau, R.Hildebrand</i> Numerical analysis of the convex relaxation of the barrier parameter functional of self-concordant barriers <i>A.Rogozin, H.Azami, A.Gasnikov, N.Nguyen</i> Dual Smoothing for Decentralized Optimization <i>G.Denisov, F. Stonyakin, M.Alkousa on-line</i> Adaptive Variants of Frank-Wolfe Method with Relative Inexact Gradient Information <i>A.Vyguzov, F.Stonyakin on-line</i> Frank-Wolfe Algorithm with a Decreasing Step Size for Relatively Smooth Problems	<i>Ya.Liu, V.Mazalov, H.Gao</i> Two-Stage Game Model of Opinion Dynamics <i>C.Zhao, J.Liu, E.Parilina</i> Complete-to-Sparse: A Novel Graph Construction Strategy to Increase Efficiency of ShapG <i>D.Kuzyutin, N.Smirnova, Ya.Pankratova</i> On a dynamic bicriteria fish war model with fish bank <i>L.Petrosyan, Ya.Pankratova</i> Time-Inconsistency of Cooperative Networks in Differential Games	<i>A.Erzin, R.Plotnikov, G.Zhukov</i> Approximate weighted 3-coloring <i>P.Emelyanov</i> On Junta Problem for Table-Defined Functions <i>Yu.Zakharova, M.Sakhno</i> Evolutionary Algorithm with Optimized Operators for Multi-Processor Scheduling with Resources <i>Yu.Zakharova, A.Zakharov</i> Analysis of the Pareto Set for Bi-criteria Customer Order Scheduling	<i>M.Okhotina, T.Gruzdeva, A.Ushakov</i> Distributed K-Means Semi-Supervised Clustering Using DC Optimization <i>I.Sharun, A.Zykina</i> Projection neural networks for solving equilibrium and related problems <i>L.Zyurikov</i> Applicability of Kolmogorov-Arnold networks in computer vision problems <i>I.Kulachenko, A.Yuskov, D.Iakubovskii, A.Melnikov</i> A general-purpose routing solver with natural language modeling interface
<b>16:30 – 17:00 Coffee break</b>			
17:00 -18:30 <b>Mathematical Programming</b> Chair <b>R.Hildebrand</b>	17:00 -18:30 <b>Game Theory</b> Chair <b>V.Marakulin</b>	17:00 -18:30 <b>Combinatorial Optimization</b> Chair <b>A. Nikolaev</b>	17:00 -18:30 <b>Machine Learning</b> Chair <b>A.Prolubnikov</b>
<i>R.Hildebrand, R.Habib</i> Construction of a self-concordant barrier for a quasi-polyhedral cone with infinitely many faces <i>A.Rogozin, A.Novitskii</i> Decentralized Newton Method with Consensus Procedure <i>V.Krutikov, E.Tovbis, L.Kazakovtsev on-line</i> Stochastic Gradient Descent Methods with Step Adaptation <i>D.Karamzin on-line</i> On the Study of Some Sufficient Conditions for the Existence of Regular Zeros of Quadratic Mappings	<i>X.Hao, V.Kochevadov, A.Sedakov</i> Network-Driven Partnerships in Competitive Markets <i>N.Knyazev, V.Gusev</i> Flexibility design of Tullock contest correspondence matrix <i>V.Gusev, Ia.Zhukov</i> Cyclic Potential Games <i>Yu.Chirkova (on-line)</i> Using Yandex Maps data to model the correspondence matrix	<i>A.Pyatkin</i> On graphs with small number of edges and maximum number of open triangles <i>A.Nikolaev</i> Evolomino is NP-complete <i>V.Khandeev, S.Neshchadim</i> On the complexity of the problem of finding two clusters with large cardinalities <i>R.Rudakov, D.Khachai, Yu.Ogorodnikov, M.Khachay</i> Branch-and-Price algorithm for the Efficient Two-Terminal Reliability Problem	<i>A.Prolubnikov</i> Parameter optimization for restarted mixed precision iterative sparse solver <i>A.Krylatov, A.Khrapkov, V.Mikheev</i> Heterogeneous graph neural networks for real-time flow assignment prediction <i>I.Davydov, I.Muftahov</i> Hybrid heuristic for a gasoline generators replenishment problem. <i>A.Mescheryakov, O.Khamisov (on-line)</i> A Nash Equilibrium Prediction for a Dual Market Economic System Using Machine Learning Methods
<b>18:30 – 19:00 Tour to the University Dome</b>			
<b>19:00 – 22:00 Welcome Party University Hall, 3 floor in front of 3307 room</b>			

## July, 8 Tuesday

NSU Block 3 <b>3 floor</b> room 3307			
<b>10:00 – 10:45 Plenary session Chair <i>A.Eremeev</i></b> <b><i>Saeid Alikhani</i></b> Department of Mathematics Yazd University, Yazd, Iran <b>2-Restricted Optimal Pebbling Number</b>			
<b>10:45 – 11:30 Tutorial <i>Nikolai Zolotykh</i>, Lobachevsky University of Nizhni Novgorod, Russia</b> <b>How many vertices and faces can an integer linear programming polyhedron have?</b>			
11:30 – 12:00 Coffee break			
<b>12:00 – 12:45 Tutorial room 3318 <i>on-line</i></b> <b><i>Igor Konnov</i>, Kazan Federal University, Russia Selection of Approaches for Multi-criterial Optimization Problems</b>			
15:00 – 16:30 NSU Block 3 room 3314	15:00 – 16:30 NSU Block 3 room 3313	15:00 – 16:30 NSU Block 3 room 3318	15:00 – 16:30 NSU Block 3 room 3307
<b>Mathematical Programming</b> Chair <i>A.Strekalovsky</i>	<b>Applications</b> Chair <i>A.Petunin</i>	<b>Operations Research</b> Chair <i>A.Eremeev</i>	<b>Machine Learning</b> Chair <i>V.Kalyagin</i>
<i>A.Strekalovsky</i> Convergency proof for a Global Search Scheme in DC optimization <i>B.Gompil, M.Sagaarenchen, B.Sukhee, E.Rentsen</i> Global optimization DC approach to quadratic nonconvex generalized Nash equilibrium problems <i>A.Antipin, E. Khoroshilova on-line</i> Linear-quadratic dynamic systems with control constraints <i>B.Ananyev on-line</i> Observation's Control Problem for Differential Equations	<i>A.Petunin, P.Chentsov</i> Algorithms for solving the Cutting Path Determination Problem based on model of the segments cutting <i>S.Sherpling, Yu.Kochetov</i> A partial repacking algorithm for the irregular 2D bin packing problem <i>N.Shamrai</i> Profit Maximization and Fleet Rail Cars Management for a Large Transport Operator	<i>A.Eremeev</i> On Computational Complexity of Phased Antenna Array Synthesis Problem <i>Yu. Zakharova, L. Zaozerskaya</i> Local search based matheuristic for the assignment-type problem with loading constraints <i>M.Sakhno</i> Adaptive genetic algorithm with optimal recombination for the speed scaling scheduling problems with energy resource <i>H.Merrick, Ju. Memar, H. Gu on-line</i> An Improved Discrete Optimisation Procedure with comparison to Constraint Programming	<i>M.Abotalab, T.Makarovskikh</i> BIGLDM: Innovative Forecasting of Infection Patterns with Bidirectional Generalized Least Deviation Models <i>A.Kolnagorov</i> Minimax approach to the Gaussian multi-armed bandit <i>A.Berezin, R.Simanchev</i> Diagnosis of gastrointestinal diseases using a modified greedy algorithm followed by optimization by a deep neural network <i>V.Kalyagin, I.Kostylev</i> Uncertainty of non-convex optimization algorithms for tensor graphical model selection
<b>16:30 – 17:00 Coffee break</b>			
17:00 -18:30 <b>Optimal Control</b> Chair <i>A.Strekalovsky</i>	17:00 -18:30 <b>Applications</b> Chair <i>D.Arhipov</i>	17:00 -18:30 <b>Operations Research</b> Chair <i>T. Levanova</i>	17:00 -18:30 <b>Machine Learning</b> Chair <i>V.Berikov</i>
<i>A.Strekalovsky, N.Kosyanov</i> Local Search in a Nonconvex Optimal Control Problem <i>A.Vasin, N.Tsyganov on-line</i> Optimal control of energy storages with self-discharge. <i>V.Novgorodtcev, S.Kumacheva on-line</i> On one method in stochastic optimal control problems with extremal measure <i>O.Samsonyuk on-line</i> A computational optimal control algorithm for impulsive processes	<i>D.Arhipov, Uskov, A.Novichkov</i> Transport network optimization in parcel routing problem <i>D.Farladanskii, P.Kononova</i> Local search algorithm for vehicle routing problem with limited work shifts and traffic jams <i>D.Silaev</i> Evolutionary algorithms for the problem of product placement in a warehouse <i>A.Gorbunova on-line</i> Estimation of quantiles of the response time distribution for a fork-join queueing system	<i>L.Mikhailova</i> Segregation-Based Quasiperiodic Sequences Recognition <i>T.Levanova, I.Khmara</i> A local search algorithm for the bi-criteria robust p-median problem <i>D.Aranovskii, O.Tsidulko</i> Uniform Capacitated Facility Location problem on caterpillar trees <i>S.Nazarenko</i> Approximation algorithms for packing bar charts in a strip	<i>K.Kalmutskiy, V.Berikov</i> Clustering-based Graph Neural Networks in a Weakly Supervised Regression Problem <i>D.Chudakov, V.Berikov</i> Differentiable pruning by convolutional projection <i>V.Berikov</i> Black-Box Optimization under Weakly Supervised Learning Context <i>T.Zvonareva, O.Krivorotko</i> Identifiability of the inverse problem of determining the velocities for the spatial SEIR model

## July, 9 Wednesday

NSU Block 3 **3 floor** room 3307

**10:00 – 10:45 Plenary session Chair A.Kazakov**

**Konstantin Vorontsov** MIPT, Moscow Russia **Optimization on unit simplices with applications to monotonic neural networks, non-negative matrix factorization and probabilistic topic modeling**

**10:45 – 11:30 Plenary session**

**Yury Dorn** AI Institute, MSU, Moscow, Russia **Multi-armed bandits and applications: A survey**

11:30 – 12:00 Coffee break

**12:00 – 12:45 Tutorial Andrei Vesnin on-line** Sobolev Institute of Mathematics, Novosibirsk, Russia

**Spatial graphs, their invariants and applications**

15:00 – 16:30 NSU Block 3 room 3314	15:00 – 16:30 NSU Block 3 room 3313	15:00 – 16:30 NSU Block 3 room 3312	15:00 – 16:30 NSU Block 3 room 3307
<b>Mathematical Programming</b> Chair <b>O. Khamisov</b>	<b>Game Theory</b> Chair <b>A.Rettieva</b>	<b>Combinatorial Optimization</b> Chair <b>A.Kononov</b>	<b>Round table discussion «Industrial Applications»</b> Chair <b>D.Shmelkin</b>
<p><b>Ya.Knyazkin, M.Korovkin</b> Discrete H2-Optimal Synthesis Problem with Nonunique Solution.</p> <p><b>S.Trifonov, L.Levin, S.Chezhegov, A.Beznosikov on-line</b> Incorporating Preconditioning into Accelerated Approaches: Theoretical Guarantees and Practical Improvement</p> <p><b>O.Khamisov, O.Khamisov on-line</b> Distributed approach to minimal constraint relaxation in optimization with coupling constraints</p> <p><b>M.Karafallah, F.Stonyakin, M.Alkousa on-line</b> Adaptive Method for Saddle Point Problems with a Generalization of Smoothness Property</p>	<p><b>A.Rettieva</b> Dynamic multicriteria resource allocation games</p> <p><b>M.Tsekot</b> Impact of different types of target functions on rational strategies for economic development</p> <p><b>A.Tur, L.Petrosyan on-line</b> The <math>\tau</math>-value in Cooperative Differential Games on Hypergraphs</p> <p><b>N.Gruzdev on-line</b> Genetic Algorithm for Repeated Prisoner's Dilemma</p>	<p><b>R.Simanchev, I.Urazova</b> An exact algorithm for maximizing the weight of a minimum dominating set in a vertex-weighted digraph</p> <p><b>A.Totsky, R.Simanchev</b> On weight maximization of graph cut induced by minimal dominating set</p> <p><b>A.Dobrynin, H.Golmohammadi</b> Total coalition graphs of cycles and paths</p> <p><b>Ya.Kharchenko, A.Kononov</b> Improving primal-dual algorithm for the restricted parking permit problem via use of predictions</p>	<p><b>Alexey Chernov</b> LLC «Quantum Algorithms And Optimization» Dolgoprudny, Russia <b>QORETEX solver for MILP</b></p> <p><b>Zhang Dong</b> Operations Research and Mathematical Optimization Lab., China <b>Large Scale Optimization for Complex Delivery Systems</b></p>
<b>16:30 – 17:00 Coffee break</b>			
17:00 -18:30 <b>Mathematical Programming</b> Chair <b>O. Khamisov</b>	17:00 -18:30 <b>Game Theory</b> Chair <b>A.Rettieva</b>	17:00 -18:30 <b>Combinatorial Optimization</b> Chair <b>A. Kazakov</b>	17:00 -18:30 <b>Round table discussion «Industrial Applications»</b> Chair <b>D.Shmelkin</b>
<p><b>A.Usova on-line</b> Scattering-based stabilization technique for QSR-dissipative teleoperators with time-varying communication delays</p> <p><b>O.Snegirev, A.Torgashov on-line</b> Application of quadratic programming methods in model predictive control algorithms taking into account soft limits</p> <p><b>V.Hashimov on-line</b> On a Problem of Synthesis of Control of Boundary Condition and Motion of Measurement Points for Damping Oscillations of a String</p> <p><b>D.Ibragimov, A.Mokhnacheva on-line</b> On the Optimality of the Guaranteeing Solution in the Time-Optimization Problem for Linear Discrete-Time Systems with Integral Control Constraints</p>	<p><b>D.Derkach, A.Nesterov</b> Balancing Incentives and Efficiency via Constrained Deferred Acceptance</p> <p><b>A.Lomakin, A.Nesterov</b> Detecting Bid Leakage in Procurement Auctions: A Machine Learning Approach with New Electronic Data</p> <p><b>S.Diagilev, A.Nesterov</b> Reserves in Targeted Admissions: Mechanism Design Approach</p> <p><b>A.Nesterov, O.Sviridov</b> Smarties and Smartypants: overconfidence in a TV-competition for young talents</p>	<p><b>A.Lempert, A.Kazakov, D.M. Nguyen</b> On covering surfaces of revolution with geodesic circles</p> <p><b>G.Bolotashvili</b> Extension of (m,k) facets of the linear ordering polytope</p> <p><b>H.Golmohammadi</b> Some aspects of coalitions in graphs</p> <p><b>A.Saratov, A.Lazarev, N.Lutovinova on-line</b> An effective algorithm for solving the scheduling problem of minimizing total tardiness on a single machine</p>	<p><b>Anton Ushakov and Dmitry Yakubovsky</b> Matrosov Institute for System Dynamics and Control Theory SB RAS, Irkutsk <b>Automated optimization modeling with LLMs</b></p>

## July, 10 Thursday

10:00 – 11:30 NSU Block 3 room 3314	10:00 – 11:30 NSU Block 3 room 3313	10:00 – 11:30 NSU Block 3 room 3312	10:00 – 11:30 NSU Block 3 room 3307
<b>Bilevel Programming</b> Chair <b>A.Orlov</b>	<b>Mathematical Economy</b> Chair <b>I.Bykadorov</b>	<b>Combinatorial Optimization</b> Chair <b>V.II'ev</b>	
<i>S.Lavlinskii</i> Public-private partnership in the mineral resource complex: a model of a consortium of subsoil users with a conservative management company <i>A.Orlov, Minarchenko, T.Gruzdeva</i> On a Bilevel Optimization Model of Electric Power Systems with a System Operator at the Upper Level <i>R.Drachev, A.Panin, A.Plyasunov</i> Local search algorithms for competitive pricing problem <i>O.Khamisov</i> Parametric optimization approach to bilevel programming	<i>V.Marakulin</i> A Brief Proof of the Existence of an $\alpha$ -Core for Generalized Strategy Games <i>N.Aizenberg on-line</i> Cooperative behavior of prosumers and their interaction with the centralized part of the energy system <i>I.Bykadorov</i> Trade of several countries under Monopolistic Competition Model: autarky under different situations of pre-autarky <i>A.Shchiptsova</i> Global Phosphate Market: A Spatially Distributed Model	<i>I.Vasilyev, T.Gruzdeva, D.Boyarkin, A.Ushakov</i> NPU-Accelerated K-means and K-medoids Clustering Algorithms <i>V.II'ev</i> An Approximation Algorithm for a Cluster Editing Problem with Limitation on Size of Clusters <i>D.Musatov, S.Vasilchishin</i> Fair chore division of a tree <i>A.Chirkov, S.Veselov, N.Zolotykh</i> On the upper bound of edges in a corner polyhedron.	
<b>11:30 – 12:00 Coffee break</b>			
12:00 -13:30 <b>Bilevel Programming</b> Chair <b>A.Orlov</b>	12:00 -13:30 <b>Applications</b> Chair <b>O.Sukhoroslov</b>	12:00 -13:30 <b>Operations Research</b> Chair <b>V.Kartak</b>	
<i>A.Panin, A.Plyasunov</i> A bilevel facility delocation problem <i>S.Utyupin, A.Melnikov, V.Beresnev</i> Computational complexity of one step and heuristics for the Eternal Vertex Cover Problem <i>A.Melnikov, V.Beresnev</i> Additional constraints for computing upper bounds for (r p)-centroid problem's objective function	<i>Yu.Semenov, O.Sukhoroslov</i> MIP Models and Complexity Results for DAG Scheduling in the Cloud <i>E.Ushakova</i> Pricing and informative advertising in two-sided markets on the plane <i>O.Khamisov, S.Gakg</i> Dantzig-Wolfe decomposition in CANOE model <i>I.Minarchenko, O.Khamisov</i> Determining network equilibrium under transmission capacity constraints	<i>V.Zinov, V.Kartak, Yu.Valiakhmetova</i> Holes processing in Voronoi diagram with rectangular sites for the slab's deformations comparative analysis <i>B.Gavrish, Yu.Kochetov</i> A column generation heuristic for a petrol station replenishment problem with complex unloading rules <i>A.Yuskov, I.Kulachenko, Yu.Kochetov</i> Hybrid memetic algorithm for the pickup and delivery problem with time windows <i>K.Lukmanova, V. Kartak, A.Ripatti</i> Intelligent methods for optimizing fuel delivery routes to gas stations	
NSU Block 3 <b>3 floor</b> room 3307			
<b>15:00 – 15:45 Plenary session <i>on-line</i> Chair A.Kononov</b> <b>Panos M. Pardalos</b> University of Florida, USA <b>Computational Approaches for Solving General Systems of Nonlinear Equations</b>			
<b>15:45 – 16:30 Plenary session <i>on-line</i></b> <b>Guochuan Zhang</b> Zhejiang University, Hangzhou, China <b>Interdiction: A bilevel combinatorial optimization problem</b>			
16:30 – 17:00 Coffee break			
<b>17:00 – 17:45 Plenary session <i>on-line</i></b> <b>Eduardo Uchoa</b> Universidade Federal Fluminense, Brazil <b>Optimizing with Column Generation</b>			
<b>19:00 – 22:00 Banquet Restaurant in House of Scientists</b>			

## July, 11 Friday

10:00 – 11:30 NSU Block 3 room 3314	10:00 – 11:30 NSU Block 3 room 3313	10:00 – 11:30 NSU Block 3 room 3312	10:00 – 11:30 NSU Block 3 room 3307
	<b>Applications</b> Chair <b>F.Pisnichenko</b>	<b>Operations Research</b> Chair <b>A.Erzin</b>	<b>Round table discussion</b> Chair <b>I.Vasilyev</b>
	<p><i>K.Semenikhin</i> Multivariate Selberg Probability Bound in Distributionally Robust Optimization with Statistical Applications</p> <p><i>N.Kovrizhnykh, F.Pisnichenko</i> Light-Weight MILP Solver for Real-Time Optimization on Embedded Devices</p> <p><i>F.Pisnichenko</i> Efficient Nonlinear Least Squares Solver for Real-Time Applications</p> <p><i>M.Titova, F.Pisnichenko, N.Kovrizhnykh</i> An Efficient Interior-Point Solver for QPs and LPs problems</p>	<p><i>A.Erzin, A.Shadrina</i> Optimal placement of mobile distance-limited devices for line routing</p> <p><i>Ed.Gimadi, E.Goncharov</i> On a Polynomial Approximation Algorithm for the Uncapacitated Facility Location Problem</p> <p><i>E.Goncharov</i> Bi-population genetic algorithm for the resource-constrained project scheduling problem</p> <p><i>V.Servakh, A.Romanova</i> Minimizing the makespan in a single-machine scheduling problem with deadlines and setup times</p>	<b>The second round of the Challenge Competition</b>
<b>11:30 – 12:00 Coffee break</b>			
12:00 -13:30 <b>Mathematical Programming</b> Chair <b>A.Strekalovsky</b>	12:00 -13:30 <b>Applications</b> Chair <b>I.Davydov</b>	12:00 -13:30 <b>Operations Research</b> Chair <b>I.Samoylenko</b>	12:00 -13:30 <b>Round table discussion</b> Chair <b>I.Vasilyev</b>
<p><i>M.Barkova, A.Strekalovsky</i> Global Search in DC Optimization Problem with Quadratic Data</p> <p><i>V. Hashimov, K. Aida-zade on-line</i> The Problem of Synthesis of Control of Movement of State Sensors and Power of Heating Sources of the Rod with Optimization of Their Placement</p> <p><i>A.Timofeeva, T. Avdeenko</i> Optimal collapsing levels in one-way ANOVA: agglomerative merging algorithms and mixed integer linear programming</p> <p><i>A.Zhulev, L.Sokolinsky on-line</i> On new method of linear programming using artificial neural network</p>	<p><i>T.Makarovskikh, M.Sallam</i> Methods for reducing the complexity of calculating critical functions when solving antenna placement problems using brute force algorithm</p> <p><i>S.Malakh, V.Servakh</i> The upper bound of net present value for problem of planning investment projects</p> <p><i>I.Davydov, A.Lyapin</i> Variable neighborhood search approach for additional education school timetabling</p> <p><i>A.Zykina, V.Munko, E.Shikin</i> Digital Service for Preparation of Documentation</p>	<p><i>E.Musatova, A.Lazarev</i> A branch-and-bound algorithm for solving the single-machine problem of minimizing external resources costs</p> <p><i>P.Borisovsky, A.Gette</i> A simulation-optimization approach to solving the chance-constrained bin packing problem</p> <p><i>I.Samoylenko, F.Ozhegov</i> Guaranteed under failures distance as the tool for resilience facility location problem</p> <p><i>B.Kornitskii, K.Baikov, A.Melnikov</i> Approximate algorithm for multi-criteria optimization models with implicitly defined functions</p>	<b>The second round of the Challenge Competition</b>
15:00 -16:20 <b>Mathematical Programming</b> Chair <b>A.Strekalovsky</b>	15:00 -16:20 <b>Game Theory</b> Chair <b>V.Mazalov</b>	15:00 -16:20 <b>Combinatorial Optimization</b> Chair <b>A.Melnikov</b>	15:00 -16:20
<p><i>R.Yarullin, I.Zabotin, O.Shulgina on-line</i> A Variant of the Successive Concessions Method and Its Implementation based on Cutting Procedures</p> <p><i>V.Voronov, A.Neopryatnaya on-line</i> On Continuous Embeddings of 2-trees in a Sphere</p>	<p><i>N.Obrosova, A.Shananin, A.Spiridonov on-line</i> Labor demand analysis in production networks with substitution of inputs</p> <p><i>N.Trusov, A.Shananin on-line</i> Mathematical model of the interest rate influence on the repayment of the credit debt</p>	<p><i>V.Kazakovtsev, S.Muravyov, I.Usov on-line</i> A New Approach to the Application of Clustering Methods for Multimodal Data</p> <p><i>S.Gladyshev, D.Musatova on-line</i> Heuristic "safe jobs first" for stochastic single machine scheduling problem</p>	

<a href="#">V.Zorkaltsev, V.Erokhin, G.Tamasyan</a> <b>on-line</b> History and Prospects of the Interior Point Algorithms <a href="#">V.Erokhin, G.Tamasyan, N.Stepenko</a> <b>on-line</b> Fast Fej'er type algorithm for finding a nonnegative solution to a system of linear algebraic equations	<a href="#">A.Grinikh</a> <b>on-line</b> About Time-Consistency of the Cooperative Solution for n-Person Prisoner's Dilemma on a Hypergraph	<a href="#">M.Vodyan</a> <b>on-line</b> Greedy algorithms for finding upper bounds on the temporal bin packing problem with failure domains <a href="#">S.Uvarov</a> <b>on-line</b> Clause Learning for Hard Random 3-CNF Formulas	
<b>16:30 – 17:00 Coffee break</b>			
<b>17:00 -18:00 NSU, Block 3, 3 floor, room 3307 Closing Session</b>			