

MONDAY 22.04.2019 Location: IMMCS, Milchakova 8a.

08:30-10:00	Registration, Hall of the IMMCS		
10:00-13:50	Plenary Session (a.120)		
10:00-10:10	Opening (a.120)		
10:10-10:40	Boris Mityagin	Localization of eigenfunctions and basis vectors	Chairman - Helmuth Malonek
10:45-11:15	Boris Plamenevskii	Radiation principle and scattering in electromagnetic waveguides	
11:20-11:50	Joachim Toft	Schatten properties, nuclearity and minimality of phase shift invariant spaces	
11:50-12:10	Coffee break		
12:10-12:40	A Karapetyants, S.Samko	A class of Hausdorff-Berezin operators on the unit disc	Chairman - Mikhail Goldman
12:45-13:15	Oscar Blasco	Matricial harmonic analysis for matrices with operator entries	
13:20-13:50	Hasi Wulan	Some results of QK spaces	

13:50-14:10	Photo: Please, gather at the entrance of the building for the conference photo		
14:10-14:55	Lunch (Café "Integral", 1 st floor)		
15:00-19:00	Session talks		
19:00-21:00	Welcome furshet		

15:00-19:00	Session «Functional Analysis and Operator Theory» (a.211)		
15:00-15:15	Armen Kamalyan	L-convolution type operators	Chairman – Victor Burenkov
15:15-15:30	Armen Kamalyan	L-convolution type operators	
15:30-15:45	Hrachik Hayrapetyan	On a Riemann boundary value problem in weighted spaces	
15:45-16:00	Hrachik Hayrapetyan	On a Riemann boundary value problem in weighted spaces	
16:00-16:15	Alexander Bendikov	On the spectrum of Hierarchical Schroedinger operator	
16:15-16:30	Zalina Kusraeva	Convexity conditions for the space of regular polynomials	
16:30-16:45	Yousef Abdel Rahman	Toeplitz operators with biharmonic symbols	
16:45-17:00	Break		
17:00-17:15	Lev Lyakhov, S. Roshchupkin	DB-Bessel derivative and Radon-Kipriyanov transformation	Chairman – Alexander Nazarov
17:15-17:30	Lev Lyakhov, S. Roshchupkin	DB-Bessel derivative and Radon-Kipriyanov transformation	
17:30-17:45	Joel Restrepo	Weighted generalized Hölder type spaces described by Djrbashian's generalized fractional operator	
17:45-18:00	Alexei Belyaev	Localization properties of Sobolev-type spaces and constructive description of (...)	
18:00-18:15	Elza Bakhtigareeva	Modular inequalities for the Hardy operator in a weighted Orlicz space	
18:15-18:30	Maria Oreshina	On a functional calculus for two self-adjoint operators	
18:30-18:45	Tatsiana Shahava	Multiplication of rational distributions	
18:45-19:00	Durvudkhan Suragan	Isoperimetric inequalities for some problems arising in the potential theory and (...)	

15:00-19:00	Session «Function Theory and Approximation Theory» (a.212)		
15:00-15:15	Bulat Khabibullin	Affine balayage in function theory	Chairman – Kazaros Kazarian
15:15-15:30	Bulat Khabibullin	Affine balayage in function theory	
15:30-15:45	Mikhail Nevskii, Alex. Ukhalov	Interpolation by linear functions on an n-dimensional ball	
15:45-16:00	Tilektes Tileubaev	On a characterization of the Besov space	
16:00-16:15	Alexander Fedotov	Justification of the approximate methods for solving operator equations	

16:15-16:30	Feliks Hayrapetyan	On integral logarithmic means of Blaschke products for a half-plane	
16:30-16:45	Vazgen Mikayelyan	On the convergence of partial sums of Franklin series to $\$ + \backslash \text{infty} \$$	
16:45-17:00	Break		
17:00-17:15	Maria Tsvil	Faber operators in the approximation theory of analytic functions of many variables	Chairman - Bulat Khabibullin
17:15-17:30	Ibrahim Almohammad Khalil	On properties of Riesz type potentials based on Orlicz spaces	
17:30-17:45	Boris Vakulov, Yu. Drobotov	The Hardy--Littlewood type theorem for the Riesz potential type operator in weighted function (...)	
17:45-18:00	Viktoriya Kocherova	The embedding theorem $W_1, n(D)$ for sets of arbitrary measure	
18:00-18:15	Yusufali Khasanov	About relationship between summability of almost periodic functions and Fourier's coefficients	
18:15-18:30	Anna Abramyan, Vladimir Pilidi	On the method of cutting out singularity for singular integral operators in the case of (...)	
18:30-18:45	Andrei Chegolin	Hypersingular integrals for some non-elliptic differential operators	
18:45-19:00	TBA	TBA	

15:00-19:00	Session «Differential equations and mathematical physics - 1» (a.311)		
15:00-15:15	Tigran Harutyunyan	On some inverse problems	Chairman - Andrey Muravnik
15:15-15:30	Tigran Harutyunyan	On some inverse problems	
15:30-15:45	Sergei Sitnik	Integral transform composition method in transmutation theory	
15:45-16:00	Sergei Sitnik	Integral transform composition method in transmutation theory	
16:00-16:15	Elina Shishikina	Method of Riesz potentials to solutions for the nonhomogeneous singular wave equation	
16:15-16:30	Raul Castillo-Perez	The method of fundamental solutions with Bergman kernel in eigenvalue problems	
16:30-16:45	Ludmila Serbina	Boundary value problem for one loaded parabolic type equation	
16:45-17:00	Break		
17:00-17:15	Igor Kravchenko	Generalized exponential basis for solving free boundary problems for time-homogeneous diffusions	Chairman - Tigran Harutyunyan
17:15-17:30	Vladimir Fedorov	A class of distributed order differential equations in Banach spaces	
17:30-17:45	Pavel Moskalev	Asymptotic behavior of percolation probability functions on a square and cubic lattice with (1,0)-...	
17:45-18:00	Briceyda Delgado	A right inverse operator for curl + λ and its applications	
18:00-18:15	Andrey Muravnik	Harmonic analysis of equations of neural-network modelling a priori estimates for global solutions	
18:15-18:30	Vladimir Lukianenko	Some generalizations of the smooth transition type equation	
18:30-18:45	Aleksandr Poretskii	On accumulations of point spectrum of waveguides	
18:45-19:00	Víctor Vicente	Analytical representations for the dispersion equation of a periodic quantum graph	

15:00-19:00	Session «Differential equations and mathematical physics - 2» (a.312)		
15:00-15:15	Michael Zhukov	Movement of an ideal liquid in thin layer on the cylinder surface	Chairman - Andrey Morgulis
15:15-15:30	Suheil Houry	Solution of a class of flow problems: biharmonic versus polyharmonic equations	
15:30-15:45	Suheil Houry	Solution of a class of flow problems: biharmonic versus polyharmonic equations	
15:45-16:00	Marina Plekhanova	Solvability of semi - linear equations with lower fractional derivatives	
16:00-16:15	Mikhail Norkin	Cavitation deceleration of a circular cylinder in a liquid after impact	
16:15-16:30	Vladimir Semenov	Invariants application to the Navier-Stokes equations	
16:30-16:45	Murat Mamchuev	Boundary value problems for systems of partial differential equations	
16:45-17:00	Break		
17:00-17:15	Ani Tumanyan	On the Fredholm property of regular hypoelliptic operators	Chairman - Mikhail Norkin
17:15-17:30	Natalia Polyakova	Steady-state turbulent blood flow	

17:30-17:45	Elena Shiryaeva	Sedimentation in a stationary turbulent flow of a two-layer liquid	
17:45-18:00	Tatiana Dolgikh	Isochron structures for the problem of mass transfer by an electric field	
18:00-18:15	Mark Dorodnyi	Homogenization of the periodic Schrödinger-type equations with the lower order terms	
18:15-18:30	Sergei Pozdneev	Efimov's physics and approximation of quantum scattering in a system of several bodies (...)	
18:30-18:45	Heghine Petrosyan	Approximate solutions of the Dirichlet problem in a half- space for regular equations	
18:45-19:00	Aram Grigoryan	Localized waves during diffraction on a semi-infinite crack in a composite piezoelectric space	

15:00-19:00	Session «Probability-Analytical Models and Methods» (a.322)		
15:00-15:15	Elena Alymova	Forecasting financial time series based on the neural network module in Rapidminer	Chairman – Alla Makarova
15:15-15:30	Yuri Gliklikh, G.Vlaskov	New stochastic models of polar ionosphere	
15:30-15:45	Dmitry Rokhlin	A pricing scheme for resource management in network with large number of sources	
15:45-16:00	Vasily Rodochenko	On risk evaluation on cryptocurrency markets using an LSTM neural network	
16:00-16:15	Alexander Skorikov	Bessel potentials in L_p spaces with mixed norm on the infinite-dimensional cylinder	
16:15-16:30	Victor Nesterenko	Data clustering based on density in characteristic space	
16:30-16:45	Nikita Ratanov	Kac-Lévy processes	
16:45-17:00	Break		
17:00-17:15	Alla Makarova	Stochastic differential inclusions given in terms of the forward mean derivatives	Chairman – Yuri Gliklikh
17:15-17:30	Serge Uglich	Minimax problem in a quasilinear system (with I. Pavlov and T. Volosatova)	
17:30-17:45	Elena Chub	Suboptimal control of the state vector of the telecomm. system of a moving object	
17:45-18:00	Natalia Saifutdinova	Some stochastic calculation model of urban water supply network (...)	
18:00-18:15	Inna Tsvetkova	Interpolating deflators (with I. Pavlov)	
18:15-18:30	Anzhelika Danekyants	On weakly interpolating markets (with N. Neumerzhitskaia)	
18:30-18:45	Valentina Misyura	Combined probabilistic forecasting methods	
18:45-19:00	Nadezhda Krasii	Generalization of model with priorities (with I. Pavlov)	

TUESDAY 23.04.2019 Location: Main Administrative bldg., Bolshaya Sadovaya 105/42. Late registration, 08:30-09:15			
09:15-14:00	Plenary Session (Hall 1st floor)		
09:15-09:45	Alexander Mikhailov	Polynomial integrable Hamiltonian systems on symmetric powers of plane	Chairman- Vladislav Kravchenko
09:50-10:20	Helmuth Malonek	Special functions via co-dimension one function theory	
10:25-10:55	Andrey Shkalikov	Analytical approach to completeness and basis property of the eigenfunctions of non-self-adjoint operators	
11:00-11:10	Greetings from Rector of Southern Federal University, Professor Inna Shevchenko		
11:10-11:40	Short 15 min. communications from Joachim Toft (ISAAC, vice-president) and from Dorothy Mazlum (Birkhäuser, Mathematics Editor)		
11:40-12:20	Buffet		
12:20-12:50	Vladimir Protasov	Wavelets, boundary dimension of compact sets, and theory of automata	Chairman - Andrey Shkalikov
12:55-13:25	Kazaros Kazarian	Generalized Fourier series for the multiple trigonometric series	
13:30-14:00	Vladislav Kravchenko	The transformation operator method for solving forward and inverse Sturm-Liouville problems	
14:20	Departure of the bus to the excursion. Please gather at the Monument of Ataman Platov and follow instructions		
15:00-18:00	Boat excursion over Don river Starts and ends at berth № 23 (the berth number can be changed)		

WEDNESDAY 24.04.2019 Location: IMMCS, Milchakova 8a. Late registration 09:30-10:00 at room 213.			
10:00-18:20	Plenary Session (a.120)		

10:00-10:30	Natasha Samko	Operators commuting with dilation and rotations in generalized Morrey spaces	Chairman – Eugeny Panov
10:35-11:05	Anatoly Kusraev	On classification of injective modules	
11:10-11:40	Anatolij Antonevich	Quaziperiodic distributions	
11:40-12:00	Coffee break		
12:00-12:30	Alexandre Almeida	Homogeneous variable exponent Besov and Triebel-Lizorkin spaces	Chairman - Jari Taskinen
12:35-13:05	Vagif Guliyev	Fractional integral operator and its commutators in generalized Morrey spaces on Carnot groups	
13:10-13:40	Victor Burenkov	Problems of interpolation theory related to Morrey-type spaces	
13:45-14:40	Lunch (Café “Integral”, 1 st floor)		
14:40-15:10	Armen Sergeev	Quantum differentials and function spaces	Chairman - Vladimir Protasov
15:15-15:45	Maria Skopina	Multivariate quasi-projection operators and their approximation properties	
15:50-16:20	Mikhail Goldman	Optimal shells of cones of functions with monotonicity properties and their application (...)	
16:25-16:40	Coffee break		
16:40-17:10	Alexandre Soldatov	Moisil-Theodoresku system in the Pauli form	Chairman - Maria Skopina
17:15-17:45	Elijah Liflyand	A tale of two Hardy spaces	
17:50-18:20	Alexander Nazarov	A first-order trace formula for diff. operators on a segment for the perturbation by a complex-valued measure	
19:00-23:00	Banquet (Frau Martha). Departure of bus at 18:40. Please, gather at the entrance of IMMCS		

THURSDAY 25.04.2019 Location: IMMCS, Milchakova 8a. Late registration 09:30-10:00 at room 213

10:00-13:40	Plenary Session (a.120)		
10:00-10:30	Jari Taskinen	Review of some recent results on Bergman spaces and Toeplitz operators	Chairman - Kazaros Kazarian
10:35-11:05	Yoshihiro Sawano	A thought on generalized Morrey spaces	
11:10-11:40	Yuri Gliklikh	Some problems in the theory of equations and inclusions with mean derivatives	
11:40-12:00	Coffee break		
12:00-12:30	Eugeny Panov	On decay of entropy solutions to multidimensional scalar conservation laws	Chairman - Oscar Blasco
12:35-13:05	Sergey Vodopyanov	On admissible changes of variables for Sobolev functions on (sub)Riemannian manifolds	
13:10-13:40	Alexander Melerzanov	Mathematics in medicine	

13:45-14:50	Lunch (Café “Integral”, 1 st floor)	
14:50-18:50	Session talks	
18:00-20:00	Furshet (tentative, the start time of furshet can be changed)	

14:50-18:05	Session «Functional Analysis and Operator Theory - 1» (a.211)		
14:50-15:05	Evgenii Berezhnoi	Dyadic Morrey spaces	Chairman – Maria Skopina
15:05-15:20	Evgenii Berezhnoi	Dyadic Morrey spaces	
15:20-15:35	Sergej Melikhov	Convolutions in spaces of infinitely differentiable functions	
15:35-15:50	Olga Ivanova	On a multiplication in duals of weighted of (LF)-spaces of entire functions	
15:50-16:05	Daria Polyakova	On rapidly decreasing ultradifferentiable functions	
16:05-16:20	Tatyana Zaitseva	Multivariate Haar systems and self-similar tiles: classification and regularity	
16:20-16:35	Mikhail Karapetyants	Dyadic generalized functions and uniqueness theorem	
16:35-16:50	Break		
16:50-17:05	Oleg Avsyankin	On convolution type operators in Morrey spaces	

17:05-17:20	Mustafa Muratov, V. Chilin	Completely additive linear mappings in algebras of measurable operators	Chairman - Lev Lyakhov
17:20-17:35	Yulia Pashkova, B. Rubshtein	Mean ergodic theorems in rearrangement invariant spaces	
17:35-17:50	Yakub Elsaev	Frame dilations in Hilbert A-modules	
17:50-18:05	Alexandr Usachev	Dixmier traces of Hankel operators in Lorentz ideals	

14:50-17:50	Session «Functional Analysis and Operator Theory - 2» (a. 212)		
14:50-15:05	Issam Louhichi	Product of Toeplitz operators in the Bergman space	Chairman – Anatoly Kusraev
15:05-15:20	Issam Louhichi	Product of Toeplitz operators in the Bergman space	
15:20-15:35	Mohammad Tabatabaie Seyyed	Some Special Coarse Structures	
15:35-15:50	Alexandr Pasenchuk	On the problem of regularization of two-dimensional Toeplitz operators in certain countably (...)	
15:50-16:05	Yaroslav Granovskiy	To the spectral theory of vector-valued Sturm-Liouville operators with summable potentials (...)	
16:05-16:20	Valeriy Geynts	Resonances for the one-dimensional Schroedinger operator	
16:20-16:35	Dmitry Polyakov	Periodic fourth-order operator with matrix coefficients	
16:35-16:50	Break		
16:50-17:05	Vadim Kryakvin	Pseudodifferential operators of variable order on Besov spaces	Chairman - Natasha Samko
17:05-17:20	Anatoly Kozak, Dmitry Khanin	The relationship between convolution throughout space and cyclic convolution	
17:20-17:35	Dmitry Didenko	Spectral analysis of operator polynomials and differential operators of an arbitrary order	
17:35-17:50	Dmitry Leonov	On convolution equations on the finite general quaternion group	

14:50-17:35	Session «Differential equations and mathematical physics - 1» (a.311)		
14:50-15:05	Valeriy Levenshtam	Asymptotic inverse problems	Chairman - Elina Shishkina
15:05-15:20	Valeriy Levenshtam	Asymptotic inverse problems	
15:20-15:35	Maria Korovina	Construction of asymptotic of solutions of linear differential equations with holomorphic (...)	
15:35-15:50	Maria Korovina	Construction of asymptotic of solutions of linear differential equations with holomorphic (...)	
15:50-16:05	Andrey Morgulis	Resolvent for an operator related to the inviscid fluid dynamics	
16:05-16:20	Andrey Morgulis	Resolvent for an operator related to the inviscid fluid dynamics	
16:20-16:35	Sergey Nesterov	Solution of the inverse heat conduction problem based on the projection method	
16:35-16:50	Break		
16:50-17:05	Svetlana Revina	Problem of stability of two-dimensional viscous fluid flows	Chairman - Maria Korovina
17:05-17:20	Irina Morshneva	Resonances in the dynamic systems with circular symmetry	
17:20-17:35	Svetlana Plyshevskaya	Dynamics of stationary structures in the parabolic problem on a segment	

14:50-17:50	Session «Differential equations and mathematical physics - 2» (a.312)		
14:50-15:05	Aleksandr Vatulyan	Identification of inhomogeneous properties of cylindrical waveguides	Chairman - Sergei Sitnik
15:05-15:20	Aleksandr Vatulyan	Identification of inhomogeneous properties of cylindrical waveguides	
15:20-15:35	Ali Saifi	A novel semi-analytical iterative approach to solve boundary value problems	
15:35-15:50	Vladimir Batishchev	Bifurcations of rotational regimes of fluid flows in the boundary layer near the free boundary	
15:50-16:05	Victor Yurov	Steady-state oscillations of a prestressed hollow cylinder constrained in the longitudinal direction	
16:05-16:20	Konstantin Yeletskikh	On boundary value problems for Euler–Poisson–Darboux equations	
16:20-16:35	Irina Ostrovskaya	Resonances in the stability problem of the Thomson vortex polygon inside and outside (...)	
16:35-16:50	Break		

16:50-17:05	Irina Lysenko	On stability of an invariant set for the problem of the Thomson's vortex N-gon in the Alfven (...)	Chairman - Aleksandr Vatulyan
17:05-17:20	Aik Kurdoglyan	Semi-invariant form of equilibrium stability criteria for systems with one or two co-symmetries	
17:20-17:35	Aray Kuntuarova	On the index formula of the generalized Neumann problem	
17:35-17:50	Liparit Tepoyan	Degenerate differential-operator equations of first order	

14:50-16:05	Session «Probability-Analytical Models and Methods» (a.208)		
14:50-15:05	Evgeny Mashkov	On the stochastic systems of differential-algebraic type	Chairman - Inna Tsvetkova
15:05-15:20	Ibrahim Fadi	Approximate equation of collective opinion and influence of convinced agents	
15:20-15:35	Alexandr Grechko	Parallel computations in option pricing problems	
15:35-15:50	Victoria Shamraeva	The structure of subset of martingale measures satisfying the weakened condition ...	
15:50-16:05	Oleg Letunovskii	Comparative analysis of image fragment searching algorithms ...	

14:50-17:50	Session «Bioinformatics and Mathematical Modelling» (a.120)		
14:50-15:05	Grigory Beliaevsky	The calculation of the probability exit of the area of the random process, the combined Monte (...)	Chairman - Alexander Melerzanov
15:05-15:20	Boris Steinberg	Mathematical model of legal regulation	
15:20-15:35	Iakov Erusalimskiy	N-1 reachability on a graph-lattice: ways, random, walks, some identities	
15:35-15:50	Nikolay Boyev	Diffraction of ultrasonic waves by arrays of three-dimensional obstacles in the elastic medium (...)	
15:50-16:05	Mikhail Stepovich	On the qualitative analysis of a three-dimensional mathematical model of diffusion excited by an (...)	
16:05-16:20	Vladimir Skorokhodov	On limit states of regular dynamic resource network	
16:20-16:35	Andrey Perevaryukha	Simulation of a series of peaks of insect pest activity during their destruction of the biotic (...)	
16:35-16:50	Break		
16:50-17:05	Vladimir Dudarev	On the features of modeling inhomogeneous viscoelastic materials with allowance for residual (...)	Chairman - Vladimir Skorokhodov
17:05-17:20	Aghasi Ghazaryan	On the palette index of a graph: the case of generalized theta graphs	
17:20-17:35	Ashot Baghdasaryan	Development of theorem provers with history mechanism	
17:35-17:50	Konstantin Nadolin	The transfer of a passive admixture by a natural stream: the results of numerical experiments	

14:50-17:50	Session «Hausdorff Operators and Related Topics» (a.322)		
14:50-15:05	Adolf Mirotin	Hausdorff operators on groups	Chairman - Elijah Lifyand
15:05-15:20	Adolf Mirotin	Hausdorff operators on groups	
15:20-15:35	Rovshan Bandaliyev	On the boundedness and compactness of multidimensional Hausdorff operators on weighted (...)	
15:35-15:50	Rovshan Bandaliyev	On the boundedness and compactness of multidimensional Hausdorff operators on weighted (...)	
15:50-16:05	Elijah Lifyand	Hardy type inequalities in the category of Hausdorff operators	
16:05-16:20	Elijah Lifyand	Hardy type inequalities in the category of Hausdorff operators	
16:20-16:35	Radouan Daher	Hausdorff operators on hypergroups	
16:35-16:50	Break		
16:50-17:20	Farit Nasyrov	Group analysis of SDE	Chairman - Elijah Lifyand
17:20-17:35	Anatoliy Chuvencov	On new quasi-power grand Orlicz spaces of functions defined on arbitrary domains	
17:35-17:50	Saludin Umarchadzhiev	Grand Lebesgue spaces on sets of infinite measure	

Poster session, Wednesday, 24.04.2019, 15:30-16:45, Hall of the IMMCS

- Anastasia Drushlyak – Coincidence point and fixed point
- Mariia Maliutina – Periodic solutions of linear Volterra integral equations of convolution type
- Al-Jourany Khalid Hameed – Applications of affine system of Walsh type to the smooth basis
- Abass Hammed Anuoluwapo – An inertial forward backward splitting method for approximating solutions of certain optimization problems.
- Bekzod Bahronov – Existence conditions of virtual level's of Friedrichs model under rank two perturbations
- Shohida Nematova – Existence of the eigenvalues of a generalized Friedrichs model in non-integer lattice
- Elyor Dilmurodov – Asymptotic expansions of Fredholm's determinant for a family 2x2 operator matrices
- Tulkin Rasulov – On the finiteness of the discrete spectrum of a lattice spin-boson model with at most two photons
- Zhiraslan Balkizov – On a boundary-value problem with displacement for an equation...
- Vyacheslav Berkovich – On a method in some mixed boundary value problems
- Natalia Bondarenko – An inverse problem for a pencil of integro-differential operators
- Farrukh Dekhkonov – The solution to the fast action control problem on the heat exchange process
- Stanislava Doronkina – Changing in the spectrum of delocalized charge carriers in cuprate superconductors as a consequence of their scattering on charge ordering (...)
- Alexandra Filimonova – Numerical investigations of the vortex structures formations on the plane
- Vladimir Gorlov – Anisotropic diffusion in image processing
- Maksim Kukushkin – Abstract Fractional Calculus for Accretive Operators
- Alkhalil Homadeh – Spectral decomposition for generalized Bessel type potentials
- Petr Kotov – On the real solution of a parabolic boundary value problem with homogeneous boundary conditions
- Nhat Le Anh – Chebyshev pseudospectral methods solve the Sturm-Liouville differential equations
- Olesya Masaeva – Dirichlet problem for a partial differential equation of fractional order
- Rinat Mavlyaviev – Gauss-type ratio № 10 for the Horn function H_3
- Liudmila Novikova – Invariant asymptotic stable manifolds of operators
- Arsen Pskhu – Transmutation operators for multi-term fractional differential equations
- Andrew Vasiliev – Stationary near-bottom vortices and back-flows in rivers
- Ludmila Kartashova – Network modeling to improve the efficiency of the enterprise
- Vladimir Belozub – Some algorithms for reconstruction of solutions of Uryson-type equation
- Roshal Darya – Search for hidden symmetry in solutions of the Thomson problem, generalized to the case of two-layer shells
- Zhileeva Elvira – On the possible reason for charge ordering in cuprates
- Tigran Grigoryan – Regular expressions for multitape finite automata
- Natalya Orlova – Study of slope geometry influence on behavior of falling rocks using mathematical modeling
- Andrei Novikov – Duality in noncommutative integration