

**International Conference on Analytical and Computational Methods in Probability Theory and its Applications ACMPT-2017 – AGENDA
October 23 (Monday) – October 27 (Friday), 2017**

Organizers

Lomonosov Moscow State University (MSU), Moscow, Russia

Peoples' Friendship University of Russia (RUDN University), Moscow, Russia

Venues

October 23 (Monday), 2017 at MSU

Main Building (Leninskiye Gory 1, 119991 Moscow, Russia)

October 24 (Tuesday) – October 27 (Friday), 2017 at RUDN

Faculty of Science (Ordzhonikidze str. 3, 115419 Moscow, Russia)

Tracks

- A. Analytical Methods in Probability Theory and its Applications (Queueing Systems and Networks; Reliability and Risks; Branching Processes; Stochastic Differential Equations)
- B. Computational Methods in Probability Theory and its Applications (Limit Theorems; Probability and Mathematical Physics; Markov Processes; Computational Methods and Models)
- C. Asymptotic Methods of Analysis (Mathematical Statistics; Asymptotic Methods; Random Walks; Applications to Natural Sciences)
- D. History of Mathematics (History of Mathematics; Alexander Soloviev and Reliability Theory)

Monday, October 23, 2017	09:00–10:00		Room 1603	MSU
		MSU Hall 1624		
	10:00–10:45	Opening Ceremony <i>Viktor Sadovnichiy</i> , Rector, MSU and <i>Vladimir Filippov</i> , Rector, RUDN Organizing Committee Chairmen <i>Vladimir Chubarikov</i> , MSU, <i>Konstantin Samuylov</i> , RUDN		
	10:45–11:30	On the Life and Scientific Activity of A.D. Soloviev <i>Andrey Zubkov</i> , Steklov Mathematical Institute of RAS, Russia		
	11:30–12:15	Coffee Break at MSU Room 1604	Registration	
	12:15–13:00	Subjective Probability: its Axioms and Acrobatics <i>Nozer Singpurwalla</i> , City University of Hong Kong		
	13:00–13:45	Product Form Solution of Tightly Coupled G-Networks <i>Erol Gelenbe</i> , Imperial College London, United Kingdom		
	13:45–14:45	Lunch Time		
	14:45–15:30	Asymptotic Methods and Limit Theorems <i>Alexander Bulinski</i> , Lomonosov Moscow State University, Russia		
	15:30–16:15	Leibniz's Contributions to Financial and Insurance Mathematics <i>Eberhard Knobloch</i> , Technical University of Berlin, Germany		
	16:15–17:00	Functional Equations as an Important Analytic Method in Stochastic Telecommunication Systems and in Combinatorics <i>Guy Fayolle</i> , INRIA, France		
	17:00–18:00	Room 102 (RUDN)		
	18:00–19:00	Welcome Party	RUDN	

					Room 104
08:30-09:30					
Congress Hall					
09:30-10:00					
Audio Greetings <i>Volodymyr Korolyuk</i> , National Academy of Sciences of Ukraine <i>Igor Kovalenko</i> , National Academy of Sciences of Ukraine					
10:00-10:45					
Analysis of Statistical Data with Mixtures of Parametric Distributions <i>Yuri Belyaev</i> , Umeå University, Sweden					
10:45-11:30					Registration and Welcome Tea
Controlled Stochastic Processes and Control in Queuing, Reliability and Safety Models <i>Viktor Kashtanov</i> , Lomonosov Moscow State University, Russia					
11:30-12:00					
Coffee Break at RUDN Dining Hall					
Lecture Hall 1		Lecture Hall 2		Room 114	Room 241
KEYNOTE TALK #1		KEYNOTE TALK #2		KEYNOTE TALK #3	KEYNOTE TALK #4
<i>Ekaterina Bulinskaya</i> (Lomonosov Moscow State University, Russia) Stability Problems in Modern Actuarial Sciences		<i>Victor Korolev</i> (Lomonosov Moscow State University, Russia) Limit Theorems for Doubly Stochastically Rarefied Renewal Processes and their Applications to the Analysis of Precipitation Events		<i>Stanislav Molchanov</i> (University of North Carolina at Charlotte, USA) Central Limit Theorem of Turing's Formula <i>(jointly with Z. Zhang and L. Zhang)</i>	<i>Stanislaw Domaradzki</i> (University of Rzeszów, Poland) Mathematics in Lviv from the second half of 19th century till WWII
12:00-12:30		12:00-12:30		12:00-12:30	12:00-12:30
12:30-12:40					
Break-time					
Lecture Hall 1		Room 110		Lecture Hall 2	Room 114
A.1.1. Queueing Systems and Networks - I		A.1.2. Reliability and Risks - I		B.1.1. Limit Theorems - I	C.1.1. Asymptotic Methods
<i>Chairs: Mitko Dimitrov, Alexander Veretennikov</i>		<i>Chairs: Ekaterina Bulinskaya, Dimitrios Konstantinides</i>		<i>Chairs: Victor Korolev, Irina Shevtsova</i>	<i>Chairs: Stanislav Molchanov, Andrey Shkalikov</i>
12:40-13:00		12:40-13:00		12:40-13:00	12:40-13:00
A. Veretennikov On mean-field GI GI 1 queueing model		V. Piterbarg, J. Farkas, E. Hashorva Asymptotic behavior of reliability functions for multidimensional aggregated Weibull type reliability indices		N. Slepov Generalized Stein equation on extended class of functions	A. Yakymiv On some recent investigations on Tauberian theory and their applications to probability theory
13:00-13:20		13:00-13:20		13:00-13:20	13:00-13:20
S. Anulova Fluid Limit for Closed Queueing Network with Several Multi-Servers		A. Muromskaya Optimal reinsurance strategy in the model with several risks within one insurance policy		E.VI. Bulinskaya The particles population propagation in catalytic branching random walk	D. ZaeV Kantorovich distances on simplexes of invariant measures
13:20-13:40		13:20-13:40		13:20-13:40	13:20-13:40
M. Dimitrov Fluid model with jumps in heavy traffic		T. Belkina, N. Konyukhova, B. Slavko Analytic-numerical investigation of the dual risk model with investments: survival probability functions as the solutions of singular problems for integro-differential equations		Yu. Malyshkin The number of vertices of fixed degree in the preferential attachment model with choice	G. Zverkina About one generalisation of the Leibniz theorem
13:40-14:40					
Lunch Time					
A.1.3. Queueing Systems and Networks - II		A.1.4. Reliability and Risks - II		B.1.2. Limit Theorems - II	C.1.2. Mathematical Statistics - I
<i>Chairs: Mitko Dimitrov, Victor Kashtanov</i>		<i>Chairs: Vladimir Rykov, Nikolay Kolev</i>		<i>Chairs: Victor Korolev, Irina Shevtsova</i>	<i>Chairs: Yuri Belyaev, Boris Lemesko</i>
14:40-15:00		14:40-15:00		14:40-15:00	14:40-15:00
V. Kashtanov Maintenance of Complex Systems and controlled Stochastic processes		O.V. Abramov The reliability for gradual failure: functional-parametrical approach		I. Shevtsova, R. Gabdullin, V. Makarenko On natural convergence rate estimates in the Lindeberg's theorem	E. Burnaev Bayesian test for multi-channel signal detection problem
15:00-15:20		15:00-15:20		15:00-15:20	15:00-15:20
E. Kalimulina On the rate of convergence to stationarity of the unreliable queueing network with dynamic routing		A. Makarichev, I. Brysina On comparison of two rules of complex systems repair		M. Savelov Limit distributions of the Pearson statistics for nonhomogeneous polynomial scheme	P. Koldanov, A. Koldanov, V. Kalyagin, P. Pardalos Optimal test for conditional independence in multivariate normal distribution
15:20-15:40		15:20-15:40		15:20-15:40	15:20-15:40
Y. Khokhlov, E. Morozov, O. Lukashenko On the asymptotic bound for the overflow probability of fluid queue with heterogeneous input		V. Rykov and D. Kozyrev Analysis of renewable reliability systems by Markovization method		A. Zamyatin, O. Mashnikov An ergodicity criterion for Markov chains describing the dynamics of random words	E. Savinkina, A. Sakhanenko Asymptotic explicit optimal estimators of an unknown parameter in one power regression problem
15:40-15:50					
Break-time					
V. Sobolev, A. Solov'yev		A. Makarichev		N. Gribkova	M. Boldin, M. Petriev
One server queue with bulk arrivals		On probabilities of the probability of system failure with minimum service accumulation elements		On probabilities of large and moderate deviations for L-statistics	Robust GM-estimators in the autoregression and Pearson's chi-square tests
15:50-16:10		15:50-16:10		15:50-16:10	15:50-16:10
I. Horvath, R. Razumchik, M. Telek Estimating mean sojourn time in the processor sharing M/G/1 queue with inaccurate job size information		Sh. Al-Awadhi A probability model for assessments of system loads		V. Senatov On numerical studies of the accuracy of approximations in the central limit theorem	D. Koroliuk, V. Koroliuk Adapted statistical experiments with random change of time
16:10-16:30		16:10-16:30		16:10-16:30	16:10-16:30
H. Isguder, U. Koçer Analysis of two-heterogeneous server queueing system				M. Kozlov On the asymptotics of large deviation probabilities for some partly or asymptotically homogeneous Markov chains	B. Lemesko, S. Lemesko, I. Veretennikova, A. Novikova Application of homogeneity tests: problems and solution
16:30-16:50		16:30-16:50		16:30-16:50	16:30-16:50
16:50-17:20					
Coffee Break at RUDN Dining Hall					
A.1.5. Queueing Systems and Networks - III		A.1.6. Reliability and Risks - II		B.1.3. Limit Theorems - II	C.1.3. Mathematical Statistics - II
<i>Chairs: Anatoli Nazarov, Olimjon Sakhobov</i>		<i>Chairs: Vladimir Rykov, Nikolay Kolev</i>		<i>Chairs: Michail Kozlov, Vladimir Senatov</i>	<i>Chairs: Yuri Belyaev, Boris Lemesko</i>
17:20-18:20		17:20-18:20		17:20-18:20	17:20-18:20
O. Sakhobov Two-sided bounds of the probability of failure-free operation of the system under the discipline of Solov'ev		KEYNOTE TALK #5		Sh. Formanov On nonclassical versions of the Lindeberg-Feller theorem	V. Timonin, N. Tyannikova The Kolmogorov-Smirnov type tests for the Lehmann – Cox hypotheses in the case of progressively censored samples — about the possibility to use the Kaplan – Meier estimates in test statistics
17:20-17:40		17:20-17:40		17:20-17:40	17:20-17:40
		Vladimir Rykov (RUDN University, and Gubkin Russian State University of Oil&Gas, Moscow, Russia) Sensitivity analysis of renewable reliability systems 17:20-17:50			A. Dudin Calculation of vector-valued function of a matrix argument and its application in queueing theory

RUDN

Registration and Welcome Tea

Registration and Welcome Tea

Registration and Welcome Tea

Registration and Welcome Tea

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Tuesday, October 24, 2017	17:40-18:00	A. Nazarov, V. Broner Inventory management system with on/off control of output product flow	KEYNOTE TALK #6 Alexander Andronov (Transport and Telecommunication Institute, Riga, Latvia) On reliability function of a parallel system with three renewable components 17:50-18:20	N. Glazunov Arithmetic Statistics, Probabilities and Langlands correspondence	A. Zubkov, M. Filina Algorithm of exact computation of divisible statistics distributions and its applications	I. Gadolina, N. Lisachenko Bootstrap-modelling for building confidence intervals for percentiles: high-tech production quality control application	Registration and Welcome Tea		
	18:00-18:20	E. Fedorova, A. Nazarov, S. Paul Discrete gamma probability distribution approximation in retrial queues		A. Soos, S. Ildiko, L. Simon Interpolation using stochastic local iterated function systems	G. Martynov Anderson-Darling and new weighted Cramer-von Mises tests	A. Grebeshkov, E. Zaripova, A. Pshenichnikov Vertical handover time estimation method			
	18:20-18:30	Break-time							
Tuesday, October 24, 2017	18:30-18:50	A. Moiseev, M. Shkennik Heterogeneous infinite-server queueing tandem with customers' type defined by state of Markovian arrival process	A. Makarichev, V. Makarichev On reliability of repairable systems with pre-emptive priority repair of their elements		Patrik Ryden (reserved)	A. Nazin Algorithms of inertial mirror descent in stochastic convex optimization problems	Registration and Welcome Tea	RUDN	
	18:50-19:10	V. Efimov and D. Shchemelinin Control system for automated operation of a globally distributed telecommunications network	N. Kolev, Ngo Ngoc and Yang Ting Ju Bivariate Teissier Distribution		David Källberg (reserved)	A. Pakhteev Some Algorithms of Record Generation			
Tuesday, October 24, 2017	19:10-19:30	E. Sopin On the insensitivity conditions of the queuing system with resources stationary distribution to distribution of customer workload volume	V. Rusev, A. Skorikov Analytical and discrete methods for determination of the Weibull-Gnedenko renewal density		M. Shahtad Singh-Maddala distribution: Parameter estimation by L- and TL moments for extreme value data	J. Palhalmi A novel computational method (MASD: Moving Average Squared Displacement) to distinguish Brownian and non-Brownian trajectories			

						Room 104	
	09:00–10:00	Congress Hall					
	10:00–10:45	On Coupling and Convergence in Density and in Distribution <i>Hermann Thorisson</i> , University of Iceland, Iceland					
	10:45–11:30	Discrete-Time Semi-Markov Random Evolutions: Asymptotics and Applications <i>Nikolaos Limnios</i> , University of Technology of Compiègne, France				Registration and Welcome Tea	
	11:30–12:00	Coffee Break at RUDN Dining Hall					
		Lecture Hall 1	Room 110	Lecture Hall 2	Room 114	Room 241	
		KEYNOTE TALK #9	KEYNOTE TALK #8	KEYNOTE TALK #9	KEYNOTE TALK #10	KEYNOTE TALK #11	
Wednesday, October 25, 2017	12:00–12:30	Larisa Afanasyeva (Lomonosov Moscow State University, Russia) Asymptotic Analysis of Queueing Models based on Synchronization Method	Vladimir Vatutin (Steklov Mathematical Institute of the Russian Academy of Sciences, Moscow, Russia) Branching Processes in Random Environment	Elena Yarovaya (Lomonosov Moscow State University, Russia) Survival Analysis and Recurrence Criteria for Branching Random Walks	Vladimir Lotov (Novosibirsk State University, Russia) Factorization Method in Boundary Crossing Problems for Random Walks	Evgeny Zaitsev (S.I. Vavilov Institute for the History of Science and Technology of the RAS, Moscow, Russia) Mathematical Methods in Practical Mechanics: from Heron of Alexandria to Galileo	
	12:30–12:40	Break-time					
	12:40–13:40	A.2.1. Queueing Systems and Networks - IV Chairs: <i>Vladimir Rykov, Achyutha Krishnamoorthy</i>	A.2.2. Branching Processes - I Chairs: <i>Stanislav Molchanov, Elena Yarovaya</i>	B.2.1. Markov Processes Chairs: <i>Alexander Zeifman, Vladimir Lotov</i>	C.2.1. Random Walks Chairs: <i>Alexander Sakhanenko, Vladimir Vatutin</i>	D.2.1. History of Mathematics - II Chairs: <i>Evgeny Zaitsev, Sergey Demidov</i>	Registration and Welcome Tea
Wednesday, October 25, 2017	12:40–13:00	S. Foss Non-standard randomised multiple access transmission protocols: stability and optimisation	D. Han, Yu. Makarova, S. Molchanov, E. Yarovaya Branching random walks with immigration	A. Zhdanok Dimension of the set of invariant finite additive measures of Markov chains in an arbitrary phase space and ergodic consequences	A. Sakhanenko Non-classical boundary crossing problems for general random walks	R. Simonov Kirik the Novgorodian as the mathematician of the Early Renaissance	
	13:00–13:20	A. Krishnamoorthy, Dh. Shajin, A. Manjunath On a multi-server priority queue with preemption in crowdsourcing	E. Chernousova, S. Molchanov Steady state for the critical branching random walk with the general number of offsprings	A. Zeifman Two-sided bounds for the convergence rate of Markov chains	A. Tarasenko Moments of the sojourn time of random walk above a certain boundary	I. Lyuter Geometrization of the doctrines of place and continuum in medieval Arabic scholasticism	
Wednesday, October 25, 2017	13:20–13:40	G. Zverkina Simple bounds for the convergence rate of M G ∞ queueing system	A. Shklyayev Large deviation probabilities for the branching process in random environment	N. Vvedenskaya, A. Logachev, Yu. Suhov, A. Yambartsev Local large deviation principle for inhomogeneous Markov processes		G. Khmourkin Why do Indians need mathematics? (Reflections on the introductory chapter of Mahavira's treatise, 9th century A.D.)	Registration and Welcome Tea
	13:40–14:40	Lunch Time					
	14:40–15:40	A.2.3. Queueing Systems and Networks - V Chairs: <i>Sergey Foss, Vladimir Rykov</i>	A.2.4. Branching Processes - II Chairs: <i>Nikolaos Limnios, Elena Yarovaya</i>	KEYNOTE TALK #12 Gheorghe Mishkoy (Academy of Sciences of Moldova) Priority Systems with Orientation. Analytical and Numerical Results 14:40-15:10	A.2.5. Stochastic Differential Equations - I Chairs: <i>Valentin Konakov, Yana Belopolskaya</i>	B.2.2. Limit Theorems - III Chairs: <i>Vladimir Lotov, Anatolii Mogulskii</i>	
Wednesday, October 25, 2017	14:40–15:00	A. Zorine A stopped random walk and stability of a service process of Poisson input flows by a loop algorithm	D. Balashova Numerical analysis of phase transitions in supercritical branching random walks	KEYNOTE TALK #13 Michele Pagano (University of Pisa, Italy) Network architectures evolution and teletraffic theory: general principles and open issues 15:10-15:40	Y. Belopolskaya, A. Stepanova Probabilistic algorithms for numerical solution of the Cauchy problem for systems of parabolic equations	A. Zubkov, V. Kruglov Number of pairs of identically marked embeddings of given subtree in q-ary tree with randomly marked vertices	
	15:00–15:20	E. Bachtova, E. Chernavskaya Limit theorems for infinite-channel queueing systems with heavy-tailed service times	A. Rytova Harmonic analysis of random walks on lattices		V. Konakov, S. Molchanov, S. Menozzi Approximation of diffusion processes on solvable Lie groups by random walks. Local and quasi-local limit theorems	A. Zubkov, O. Orlov Limit distributions of extreme distances to the nearest neighbor	
Wednesday, October 25, 2017	15:20–15:40	S. Grishunina Limit theorems for queueing systems with different service disciplines	G. Kobanenko Limit theorems for bounded branching processes	S. Berezin, O. Zayats Skew Brownian motion with dry friction: The Pugachev–Sveshnikov equation approach		A. Zubkov, A. Serov Limit theorem for the image size of a subset under compositions of random mappings	Registration and Welcome Tea
	15:40–16:10	Coffee Break at RUDN Dining Hall					
	16:10–17:10	A.2.6. Queueing Systems and Networks - V (cont.) Chairs: <i>Sergey Foss, Vladimir Rykov</i>	A.2.7. Branching Processes - II (cont.) Chairs: <i>Stanislav Molchanov, Elena Yarovaya</i>	C.2.2. Mathematical Statistics - III Chairs: <i>Alexander Sakhanenko, Yuri Kharin</i>	A.2.8. Stochastic Differential Equations - II Chairs: <i>Valentin Konakov, Yana Belopolskaya</i>	B.2.3. Probability and Mathematical Physics Chairs: <i>Vadim Malyshev, Mark Kelbert</i>	
Wednesday, October 25, 2017	16:10–16:30	A. Krishnamoorthy, Dh. Shajin MAP/PH/1 retrial queueing-inventory system with orbital search and renegeing of customers	N. Limnios Diffusion approximation of branching processes	I. Tsitovich On Robust Sequential Parameters Estimating	O. Rusakov From the Pseudo-Poisson Processes with the Random Intensity to the Fractional Brownian Motion	V. Malyshev Walks, Grammars, Networks and Mathematical Physics	Registration and Welcome Tea
Wednesday, October 25, 2017	16:30–16:50	O. Zaytseva, E. Kondrashova Priority management in a semi-Markov queueing model	G. Popov, E. Yarovaya Non-Markovian models of branching random walks	Yu. Pastukhova Applying the maximum likelihood method for constructing asymptotically effective nonparametrical estimators of functionals from the regression function	S. Ludkowskii Feynman-type local integration of stochastic PDE	V. Melezhik Quantum-semiclassical approach for treating excitation and ionization of hydrogen-like atoms and ions in collisions with heavy particles	
Wednesday, October 25, 2017	16:50–17:10	R. Kumar, S. Sharma Transient analysis of a multi-server queueing model with discouraged arrivals and retention of renegeing customers	E. Ermishkina Simulation of branching random walks on multidimensional lattices	Yu. Kharin Statistical analysis of big data based on parsimonious models of high-order Markov chains	Ya. Butko Chernoff Approximation of transition kernels of Markov processes	A. Kondrat'ev Computational models of diamond anvil cell compression	
	17:10–17:20	Break-time					
Wednesday, October 25, 2017	17:20–18:00	V. Naumov, G. Basharin Markovian Modelling of Arrival Processes	Round Table #1: Big data Room 110 Chairs: <i>Nozer Singpurwalla, Vadim Malyshev, Vladimir Rykov</i>			M. Kelbert, I. Stuhl, Y. Suhov Weighted entropy: basic facts and properties	Registration and Welcome Tea
	17:40–18:00	M. Fedotkin, E. Kudryavtsev Necessary conditions for stationary distribution existence in the adaptive control system of conflict flows				M. Turzynsky On the properties of the system of gas dynamics equations in Lagrangian coordinates with Coriolis force	
	18:00–18:40	I. Zaryadov, A. Kradeniyh, A. Gorbunova The analysis of cloud computing system as a queueing system with several servers and a single buffer				I. Kolosova, S. Vasilyev Numerical solving of relativistic Schrodinger equation with random quasipotential	
	18:00–20:00	Conferece dinner, RUDN canteen					

						Room 104	
Thursday, October 26, 2017	09:00–10:00						
		Lecture Hall 1	Room 110	Lecture Hall 2	Room 114	Room 241	
	10:00–10:30	KEYNOTE TALK #15 Dimitrios Konstantinides (University of the Aegean, Greece) Asymptotic Ruin Probabilities for a Multidimensional Renewal Risk Model with Multivariate Regularly Varying Claims	KEYNOTE TALK #16 Gerardo Rubino (INRIA, France) New results on the transient analysis of some fundamental queueing systems	KEYNOTE TALK #17 Konstantin Samouylov (RUDN, Moscow, Russia) Mathematical modelling issues in future communication networks	KEYNOTE TALK #18 Anatolii Mogulskii (Novosibirsk State University, Russia) Integro-local limit theorems for multidimensional compound renewal processes	Round Table #2: Golden years of Moscow mathematics Chairs: Vladimir Tikhomirov, Sergey Demidov	Registration and Welcome Tea
	10:30–10:40	Break-time				Vladimir Tikhomirov Golden periods of Moscow mathematics (30th and 60th years of 19th century)	
	10:40–11:40	A.3.1. Queueing Systems and Networks - VI Chairs: Konstantin Samouylov, Dmitry Kozyrev	A.3.2. Queueing Systems and Networks - VII Chairs: Oleg Abramov, Alexandr Makarichev	B.3.1. Applications to Natural Sciences Chairs: Maria Veretennikova, Irina Gudkova	B.3.2. Limit Theorems - IV Chairs: Shokir Formanov, Vladimir Vatutin	S. Demidov, S. Petrova Mathematics in Moscow in the torrent of the Soviet history	
	10:40–11:00	M. Farkhadov, N. Petukhova Probabilistic methods for comparative analysis and optimization of scenarios and algorithms for managing speech dialogue	L. Manita, Yu. Grishunina A Regenerative Process for Anti-Virus Protection in Networks	M. Veretennikova, A. Sikorskii, M. Boivin Data mining in predicting neuro-developmental scores from EEG data during coma due to cerebral malaria	I. Zolotukhin On multivariate geometric random sums	G. Smirnova Moscow 1935: the First International Topology Conference	Registration and Welcome Tea
	11:00–11:20	M. Rachinskaya, M. Fedotkin Stationarity conditions for the control systems that provide service to the conflicting non-ordinary Poisson flows	A. Manita Join distributions of synchronization models	A. Mastikhin Integral representation of multidimensional Weiss epidemic transition probabilities	A. Zolotukhin, S. Nagaev, V. Chebotarev On computing the absolute constant in the Berry-Esseen inequality for two-point distributions	V. Chinenova Goryachkin and his idea in the agricultural mechanics: human - machine - environment	
	11:20–11:40	V. Ivnitkiy About the thinning of a flow with limited aftereffect and different interarrivals distributions	L. Manita, A. Manita Agreement algorithms for synchronization of clocks in nodes of stochastic networks	A. Borodina, D. Efrosinin, E. Morozov Adaptive splitting method for failure estimation in controllable degradation system	A. Oprisan Limit theorems for additive functionals of semi-Markov processes	P. Antonyuk A brief history of the study of the fragment size distribution	Registration and Welcome Tea
	11:40–12:10	Coffee Break at RUDN Dining Hall					
	Thursday, October 26, 2017				C.3.1. Mathematical Statistics - IV Chairs: Yuri Belyaev, Boris Lemeskko		
12:10–12:30		S. Kanztidinov, S. Vasilyev Analysis of random neural networks with an infinite number of cells		M. Sokół Markov stochastic processes in biology – almost the same than in mathematics but a bit different	A. Grusho, E. Timonina, S. Shorgin Probabilistic Models of Meta Data	Registration and Welcome Tea	
12:30–12:50		A. Pavlov Identical service and the odd or even transform of Laplace		O. Sorokovikova, D. Dzama, D. Asfandiyarov, D. Blagodatskikh Probabilistic models of contamination in large water areas. Statistics and stochastic algorithms	A. Kolmogorov An asymptotic minimax theorem for gaussian two-armed bandit	Discussions	
12:50–13:50		Lunch Time					
13:50–14:00	Time to move to the Meeting Point for the Social Events						
14:00–18:00	Social Events: Excursion to the Observation Deck of MSU and Moscow City Bus Tour						
Friday, October 27, 2017	Room 110					RUDN	
	11:00–13:00	Round Table #3: Gnedenko Forum - Present and Future Chairs: Gnedenko Dmitry, Vladimir Rykov, Alexander Bochkov					
	13:00–14:00	Conference Closing					