

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)

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

Tuesday,
October 24,
2017

Tuesday,
October 24,
2017

						Room 104
08:30-09:30	Congress Hall					
	Welcome speech: <i>Konstantin Samouylov</i>					
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 <i>Chairs: Vladimir Rykov, Sergey Demidov</i>					
10:00-10:45	Analysis of Statistical Data with Mixtures of Parametric Distributions <i>Yuri Belyaev</i> , Umeå University, Sweden					
10:45-11:30	Controlled Stochastic Processes and Control in Queuing, Reliability and Safety Models <i>Viktor Kashtanov</i> , Lomonosov Moscow State University, Russia					Registration and Welcome Tea
11:30-12:00	Coffee Break at RUDN Dining Hall					
	Lecture Hall 1		Lecture Hall 2	Room 114	Room 241	
12:00-12:30	KEYNOTE TALK #1 <i>Ekaterina Bulinskaya</i> (Lomonosov Moscow State University, Russia) Stability Problems in Modern Actuarial Sciences	KEYNOTE TALK #2 <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	KEYNOTE TALK #3 <i>Stanislav Molchanov</i> (University of North Carolina at Charlotte, USA) Central Limit Theorem of Turing's Formula jointly with Zhiyi Zhang and Lukun Zheng	KEYNOTE TALK #4 <i>Stanisław Domoradzki</i> (University of Rzeszów, Poland) Mathematics in Lviv from the second half of 19th century till WWII		
12:30-12:40	Break-time					
	Lecture Hall 1	Room 110	Lecture Hall 2	Room 114	Room 241	
12:40-13:40	A.1.1. Queueing Systems and Networks - I <i>Chairs: Mitko Dimitrov, Alexander Veretennikov</i>	A.1.2. Reliability and Risks - I <i>Chairs: Ekaterina Bulinskaya, Dimitrios Konstantinides</i>	B.1.1. Limit Theorems - I <i>Chairs: Victor Korolev, Irina Shevtsova</i>	C.1.1. Asymptotic Methods <i>Chairs: Stanislav Molchanov, Andrey Shkalikov</i>	D.1.1. Alexander Soloviev and Reliability Theory <i>Chairs: Sergey Demidov, Svetlana Petrova</i>	
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	V. Kozlov About A.D. Soloviev's limit theorem for regenerative processes	Registration and Welcome Tea
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 simplex of invariant measures	A. Kalinkin, I. Pavlov, N. Sidnyaev Special course "Fundamentals of the mathematical theory of reliability" in the technical university	

RUDN

Tuesday,
October 24,
2017

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. Malyskin The number of vertices of fixed degree in the preferential attachment model with choice	G. Zverkina About one generalisation of the Leibniz theorem	A. Bochkov, M. Yastrebenetsky The history of the creation and development of the e-Forum Gnedenko
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13:40–14:40 Lunch Time

14:40–15:40	A.1.3. Queueing Systems and Networks - II <i>Chairs: Mitko Dimitrov, Victor Kashtanov</i>	A.1.4. Reliability and Risks - II <i>Chairs: Vladimir Rykov, Nikolay Kolev</i>	B.1.2. Limit Theorems - II <i>Chairs: Victor Korolev, Irina Shevtsova</i>	C.1.2. Mathematical Statistics - I <i>Chairs: Yuri Belyaev, Boris Lemeszko</i>	D.1.2. History of Mathematics - I <i>Chairs: Stanisław Domoradzki, Vladimir Tikhomirov</i>
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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	A. Zamyatin, O. Mashnikov An ergodicity criterion for Markov chains describing the dynamics of random words	E. Burnaev Bayesian test for multi-channel signal detection problem	E. Shukhman, A. Shukhman Unpublished manuscripts by G.W. Leibniz associated with nondecimal systems
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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	V. Alyabieva The idea of order in geometry, algebra, combinatorics in the 17th-19th centuries
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15:20–15:40	Y. Khokhlov, E. Morozov, O. Lukashenko On the asymptotic bound for the overflow probability of fluid queue with heterogenous input	V. Rykov and D. Kozyrev Analysis of renewable reliability systems by Markovization method	I. Shevtsova, R. Gabdullin, V. Makarenko On natural convergence rate estimates in the Lindeberg's theorem	E. Savinkina, A. Sakhanenko Asymptotic explicit optimal estimators of an unknown parameter in one power regression problem	Z. Kuzicheva Implication in the works of logics of the first half of the XX century
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15:40–15:50 Break-time

15:50–16:10	V. Sobolev, A. Solovyev One server queue with bulk arrivals	A. Makarichev Assessment of the probability of system failure with minimum service accumulation elements	N. Gribkova On probabilities of large and moderate deviations for L-statistics	M. Boldin, M. Petriev Robust GM-estimators in the autoregression and Pearson's chi-square tests	S. Kolesnikov Scientific revolution of 16–17 centuries and period of "mechanism" in science
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Registration and Welcome Tea

Registration and Welcome Tea

RUDN

Tuesday,
October 24,
2017

Tuesday,
October 24,
2017

16:10–16:30	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. Koroliouk, V. Koroliuk Adapted statistical experiments with random change of time	G. Zverkina Industrial revolution and reform of mathematics
16:30–16:50	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. Veretel'nikova, A. Novikova Application of homogeneity tests: problems and solution	S. Kolesnikov Different formalism of classical mechanics

16:50–17:20 Coffee Break at RUDN Dining Hall

17:20-18:20	A.1.5. Queueing Systems and Networks - III <i>Chairs: Anatoli Nazarov, Olimjon Sakhobov</i>	A.1.6. Reliability and Risks - II <i>Chairs: Vladimir Rykov, Nikolay Kolev</i>	B.1.3. Limit Theorems - II <i>Chairs: Michail Kozlov, Vladimir Senatov</i>	C.1.3. Mathematical Statistics - II <i>Chairs: Yuri Belyaev, Boris Lemesko</i>	B.1.4. Computational Methods and Models <i>Chairs: Alexander Dudin, Patrik Ryden</i>
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17:20-17:40	O. Sakhobov Two-sided bounds of the probability of failure-free operation of the system under the discipline of Soloviev	KEYNOTE TALK #5 Vladimir Rykov (RUDN University, and Gubkin Russian State University of Oil&Gas, Moscow, Russia) Sensitivity analysis of renewable reliability systems 17:20-17:50	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	A. Dudin Calculation of vector-valued function of a matrix argument and its application in queueing theory
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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
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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
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18:20-18:30 Break-time

18:30-18:50	A. Moiseev, M. Shklennik 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
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Registration and Welcome Tea

Registration and Welcome Tea

Registration and Welcome Tea

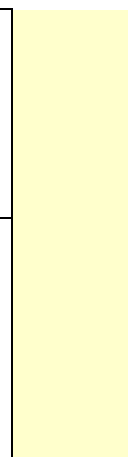
RUDN

Tuesday,
October 24,
2017

Tuesday,
October 24,
2017

Tuesday,
October 24,
2017

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 Bivarite Teissier Distribution		David Källberg (reserved)	A. Pakhteev Some Algorithms of Record Generation
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.Shahzad 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	Registration and Welcome Tea	RUDN	
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								
11:30–12:00	Coffee Break at RUDN Dining Hall								
	Congress Hall	Room 110	Lecture Hall 2	Room 114	Room 116				
12:00–12:30	KEYNOTE TALK #7 <i>Larisa Afanasyeva</i> (Lomonosov Moscow State University, Russia) Asymptotic Analysis of Queueing Models based on Synchronization Method	KEYNOTE TALK #8 <i>Vladimir Vatutin</i> (Steklov Mathematical Institute of the Russian Academy of Sciences, Moscow, Russia) Branching Processes in Random Environment	KEYNOTE TALK #9 <i>Elena Yarovaya</i> (Lomonosov Moscow State University, Russia) Survival Analysis and Recurrence Criteria for Branching Random Walks	KEYNOTE TALK #10 <i>Vladimir Lotov</i> (Novosibirsk State University, Russia) Factorization Method in Boundary Crossing Problems for Random Walks	KEYNOTE TALK #11 <i>Evgeny Zaytsev</i> (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 <i>Chairs: Larisa Afanasyeva, Vladimir Rykov</i>	A.2.2. Branching Processes - I <i>Chairs: Stanislav Molchanov, Elena Yarovaya</i>	B.2.1. Markov Processes <i>Chairs: Alexander Zeifman, Vladimir Lotov</i>	C.2.1. Random Walks <i>Chairs: Alexander Sakhanenko, Vladimir Vatutin</i>	D.2.1. History of Mathematics - II <i>Chairs: Evgeny Zaitsev, Sergey Demidov</i>	Registration and Welcome Tea			
12:40–13:00	G. Zverkina Simple bounds for the convergence rate of $M G $ infty queueing system	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				
13:20–13:40	S. Foss Non-standard randomised multiple access transmission protocols: stability and optimisation	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 <i>Chairs: Larisa Afanasyeva, Vladimir Rykov</i>	A.2.4. Branching Processes - II <i>Chairs: Nikolaos Limnios, Elena Yarovaya</i>	KEYNOTE TALK #12 <i>Gheorghe Mishkoy</i>	A.2.5. Stochastic Differential Equations - I <i>Chairs: Valentin Konakov, Yana Belopolskaya</i>	B.2.2. Limit Theorems - III <i>Chairs: Vladimir Lotov, Anatolii Mogulskii</i> Room 116				

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	(Academy of Sciences of Moldova) Priority Systems with Orientation. Analytical and Numerical Results 14:40-15:10	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	Registration and Welcome Tea	
	15:00–15:20	E. Bashtova, E.Chernavskaya Limit theorems for infinite-channel queueing systems with heavy-tailed service times	A. Rytova Harmonic analysis of random walks on lattices		KEYNOTE TALK #13	V. Konakov, S. Molchanov, S.Menzozi 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
	15:20–15:40	S. Grishunina Limit theorems for queueing systems with different service disciplines			Michele Pagano (University of Pisa, Italy) Network architectures evolution and teletraffic theory: general principles and open issues 15:10-15:40	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
15:40–16:10	Coffee Break at RUDN Dining Hall							
Wednesday, October 25, 2017	16:10–17:10	A.2.6. Queueing Systems and Networks - V (cont.) <i>Chairs: Larisa Afanasyeva, Vladimir Rykov</i>	A.2.7. Branching Processes - II (cont.) <i>Chairs: Stanislav Molchanov, Elena Yarovaya</i>	C.2.2. Mathematical Statistics - III <i>Chairs: Alexander Sakhanenko, Yuri Kharin</i>	A.2.8. Stochastic Differential Equations - II <i>Chairs: Valentin Konakov, Yana Belopolskaya</i>	B.2.3. Probability and Mathematical Physics <i>Chairs: Vadim Malyshev, Mark Kelbert</i> Room 116	Registration and Welcome Tea	
	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, T. Turova-Schmeling How electricity concentrates and flows in one-dimensional cables.		
	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.Ludkowski Feynman-type local integration of stochastic PDE	A. Kondrat'ev Computational models of diamond anvil cell compression		
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		RUDN	

Wednesday, October 25, 2017	17:10–17:20	Break-time			Registration and Welcome Tea	
	17:20–17:40	V. Naumov, G. Basharin Markovian Modelling of Arrival Processes	Round Table #1: Big data Room 110 <i>Chairs: Nozer Singpurwalla, Vadim Malyshev, Vladimir Rykov</i>	M. Kelbert, I. Stuhl, Y. Suhov Weighted entropy: basic facts and properties		
	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		
	18:00–18:20	I. Zaryadov, A. Kradenyh, 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		
	18:20–20:20	Conferece dinner, RUDN canteen				

Thursday,
October 26,
2017

						Room 104
09:00–10:00						
	Lecture Hall 1	Room 110	Lecture Hall 2	Room 114	Congress Hall	
10:00–10:30	KEYNOTE TALK #14 Dimitrios Konstantinides (University of the Aegean, Greece) Asymptotic Ruin Probabilities for a Multidimensional Renewal Risk Model with Multivariate Regularly Varying Claims	KEYNOTE TALK #15 Gerardo Rubino (INRIA, France) New results on the transient analysis of some fundamental queuing systems	KEYNOTE TALK #16 Konstantin Samouylov (RUDN, Moscow, Russia) Mathematical modelling issues in future communication networks	KEYNOTE TALK #17 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
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	Golden periods of Moscow mathematics (30th and 60th years of 19th century)	
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 Model for Network Virus Protection Based on Regenerative Process	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	S. Demidov, S. Petrova Mathematics in Moscow in the torrent of the Soviet history	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 Joint 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	
10:20–11:40	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. 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

RUDN

Thursday, October 26, 2017					C.1.2. Mathematical Statistics - IV <i>Chairs: Yuri Belyaev, Boris Lemeszko</i>	Discussions	Registration and Welcome Tea	RUDN
	12:10–12:30	S. Kanzitdinov, S. Vasilyev Analysis of random neural networks with an infinite number of cells		M. Sokó 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			
	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. Kolnogorov An asymptotic minimax theorem for gaussian two-armed bandit			
	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 <i>Chairs: Gnedenko Dmitry, Vladimir Rykov, Alexander Bochkov</i>						
	13:00–14:00	Conference Closing						