22nd International Conference on Distributed Computer and Communication Networks (DCCN 2019) – AGENDA
September 23 (Monday) – September 27 (Friday), 2019

Organizers

V.A. Trapeznikov Institute of Control Sciences of RAS (ICS RAS, Russia, Moscow)	Peoples' Friendship University of Russia (RUDN University), Moscow, Russia

Venues

September 23 (Monday) – September 24 (Tuesday), 2019 at ICS RAS 65 Profsoyuznaya street, Moscow 117997, Russia	September 25 (Wednesday) – September 27 (Friday), 2019 at RUDN Faculty of Science, Ordzhonikidze str. 3, 115419 Moscow, Russia

Tracks

Track A. Computer and Communication Networks and Technologies. Chair: Vladimir Vishnevsky. Co-chair: Dmitry Kozyrev.
Track B. Analytical Modeling of Distributed Systems. Chair: Konstantin Samouylov. Co-chair: Irina Gudkova.
Track C. Distributed Systems Applications. Chair: Andrey Koucheryavy. Co-chair: Daria Ostrikova.

		ICS RAS			
Monday, September 23, 2019	09:00–10:30	Registration (Reception desk)			Reception desk
	Rooms	ICS RAS - small conference hall			
	10:30–14:00	**Plenary Session** Chairmen: *Vladimir Vishnevsky,* ICS RAS and *Konstantin Samouylov,* RUDN			Registration
	10:30–10:45	**Welcome Speech** *Dmitry Novikov* , Director, ICS RAS and *Vladimir Filippov* , Rector, RUDN			
	10:45–11:30	**Scheduling Complex Applications in Cloud Environments – Research Trends and Challenges** *Helen Karatza* , Aristotle University of Thessaloniki, Greece			
	11:30–12:15	**Practical Overview of Communication Technologies for Industrial IoT Applications** *Jiří Hošek* , Brno University of Technology, Czech Republic			
	12:15–12:30	Coffee Break			
	12:30–13:15	**Robust and Autonomous mmWave-based Drone Interworking and Aerial Networking Technology** *Sergey Andreev* , Tampere University of Technology, Finland			
	13:15–14:00	**Methods for processing of Heterogeneous Data in IoT based Systems** *Tatiana Atanasova* , Institute of Information and Communication Technologies, BAS, Bulgaria			
	14:00–14:15	**GROUP PHOTO**			
	14:15–15:00	Lunch Time			
	Rooms	Room 9	Room 10	Room 4	Reception desk
	15:00–17:30	**A.1.1. Computer and Communication Networks and Technologies** *Chairs: Prof. U.Krieger, Prof. R.Meshcheryakov*	**B.1.1. Analytical Modeling of Distributed Systems** *Chairs: Prof. A.Dudin, Prof. M.Pagano*	**C.1.1. Distributed Systems Applications** *Chairs: Prof. J.Hosek, Prof. R.Kirichek*	Registration
	15:00–15:15	**Artem Volkov; Konstantin Proshutinskiy; ABUZAR B. M. ADAM; Abdelhamied Ateya; Ammar Muthanna; Andrey Koucheryavy** SDN Load prediction algorithm based on artificial intelligence (ID 192)	**Alexander Dudin; Sergey Dudin; Chesoong Kim** OPTIMAL CONTROL BY THE QUEUE WITH RATE AND QUALITY OF SERVICE DEPENDING ON THE AMOUNT OF HARVESTED ENERGY AS A MODEL OF THE NODE OF WIRELESS SENSOR NETWORK (ID 99)	**Rumen Ketipov; Georgi Kostadinov; Plamen Petrov; Iliyan Zankinski; Todor Balabanov** Human-Computer Mobile Distributed Computing for Time Series Forecasting (ID 50)	
	15:15–15:30	**Tadeusz Czachorski** Multichannel diffusion approximation models for the evaluation of multichannel communication networks (ID 235)	**Vladimir Vishnevsky; Olga Semenova; Tan Bui** Adaptive cyclic polling systems: analysis and application to the broadband wireless networks (ID 181)	**Van Dai Pham; Trung Hoang; Ruslan Kirichek; Maria Makolkina; Andrey Koucheryavy** Minimizing the IoT System Delay with the Edge Gateways (ID 198)	

ICS RAS

Monday, September 23, 2019	15:30–15:45	**Alexander Alexandrov; Vladimir Monov; Rumen Andreev; Yordan Doshev** QoS based method for energy optimization in ZigBee Wireless Sensor Networks (ID 169)	**Liudmila Nezhel'skaya; Michele Pagano; Ekaterina Sidorova** Estimation of the Probability Density Parameters of the Values of Inter-event Interval Duration in Recurrent Synchronous Generalized Flow of the Second Order by the	**Truong Duy Dinh; Duc Tran Le; Thi Thu Thao Tran; Ruslan Kirichek** Flying Ad-hoc Network for Emergency Based on The IEEE 802.11p Multichannel MAC Protocol (ID 171)	**Registration**	**ICS RAS**
	15:45–16:00	**Andrey Larionov** Performance analysis of UHF RFID system with mobile tags, session switching and power resets using markovian stochastic mode	**Valentina Klimenok; Chesoong Kim; Vladimir Vishnevsky; Alexander Dudin** Unreliable Queueing System with Threshold Strategy of Connection of the Reserve Server (ID 116)	**Maria Makolkina; Violetta Blagodarova** Investigation of Video Traffic Transmission via Augmented Reality Devices in a Mesh Network (ID 211)		
	16:00–16:30	Coffee Break				
	16:30–16:45	**Pyattaev Alexander; Gerasimenko Mikhail** Large-scale centralized scheduling of short-range wireless links (ID 220)	**MIYANAWATHURA IHALA GAMAGE SURANGA SAMPATH; KALIDASS K** Transient analysis of a repairable single server queue with working vacations and system disasters (ID 62)	**Lidiia Vlasenko; Vyacheslav Kulik; Ruslan Kirichek; Andrey Koucheryavy** Development of models and methods for using heterogeneous gateways in 5G/IMT-2020 network infrastructure (ID 221)		
	16:45–17:00	**Ali R. Abdellah; Ammar Muthanna; Andrey Koucheryavy** Energy Estimation for VANET Performance Based Robust Neural Networks Learning (ID 160)	**Dmitry Efrosinin; Natalia Stepanova** On optimal control policy of MAP(t)/M/2 queueing System with heterogeneous servers and periodic arrival process (ID 194)	**Dmitriy Sazonov; Ruslan Kirichek** Digital Object Architecture as an Approach to Identifying Internet of Things Devices (ID 196)		
	17:00–17:15	**Kryukov Yakov; Pokamestov Dmitriy; Rogozhnikov Eugeniy** PD-NOMA power coefficients calculation while using QAM signals (ID 152)	**Sergey Dudin; Olga Dudina; Alexander Dudin** Модель функционирования сенсора беспроводной сети с учетом возможных сбоев при передаче информации (ID 12)	**Bogdan Pankovsky; Sergey Polesskiy** Multi-criteria method for calculating a SPTA package for a mobile communications vehicle (ID 204)		
	17:15–17:30	**Noskov Ilya; Bogatyrev Vladimir** Multipath redundant transfer of critical to delays packets based on UDP protocol (ID 75)	**Vladimir bogatyrev; Ivan Slastikhin; Aleksey Derkach** Organization of a reserved inter-machine exchange with general and separate queues distributed over computer nodes for access to aggregated channels (ID 150)	**Tatiana Atanasova; Kristina Dineva** Methodology for Data Processing in Modular IoT System (ID 191)		

		ICS RAS			
	09:00–10:00	Registration (Reception desk)			
	Rooms	Room 9	Room 10	Room 4	Reception desk
Tuesday, September 24, 2019	10:00–14:00	**A.2.1. Computer and Communication Networks and Technologies** *Chairs: Prof. K.Samouylov, Prof. T.Czachorski*	**B.2.1. Analytical Modeling of Distributed Systems** *Chairs: Prof. E.Bulinskaya, Prof. Yu.Gaidamaka*	**C.2.1. Distributed Systems Applications** *Chairs: Prof. S.Andreev, Prof. M.Sneps-Sneppe*	**ICS RAS**
	10:00–10:15	**Amir Mukhtarov; Oleg Pershin; Roman Ivanov** A Problem of Optimal Location of Given Set of Base Stations in Wireless Networks with Linear Topology (ID 149)	**Ekaterina Bulinskaya** Discrete-Time Insurance Models. Optimization of their Performance by Reinsurance and Bank Loans (ID 134)	**Eugene Shchetinin** A robust algorithm for detecting shilling attacks on recommendation systems (ID 37)	
	10:15–10:30	**Vyacheslav Begishev; Dmitri Moltchanov; Andrey Samuylov; Konstantin Samouylov** Characterizing the Degree of LTE Involvement in Supporting Session Continuity in Street Deployment of NR Systems (ID 28)	**Andrey Krasnov; Dmitrii Nikol'skii** Statistical distributions of values of partial correlators of aggregated network traffic packets (ID 63)	**Dmitry Namiot; Manfred Sneps-Sneppe** On Physical Web for social networks (ID 43)	
	10:30–10:45	**Sergey Dushin; Sergey Frolov** The increasing of payload capacity of LPWAN using the distributed linear prediction algorithm (ID 170)	**Ekaterina Lisovskaya; Yuliya Gaidamaka; Michele Pagano; Ekaterina Pankratova; Svetlana Moiseeva** Heterogeneous Queueing System MAP/GI(n)/∞ with Random Customers' Capacities (ID 208)	**Oleg Boychenko; Ilya Gavrikov** Potential Applications of Smart Contract Technology in Corporate Business Processes (ID 25)	
	10:45–11:00	**Vladimir Sukhoverkhy** Research results of the implementation developed network window system for Unix-compatible operating systems for remote control of the test bench. (ID 119)	**Ekaterina Markova; Yves Adou; Anastasia Golskaia; Daria Ivanova; Luis Correia** Retrial Queue for Modeling Best Effort Traffic with Minimum Bit Rate Guarantee Transmission under Network Slicing (ID 201)	**Omar Mahmood; Abdukodir Khakimov; Ammar Muthanna; Alexander Paramonov** Effect of heterogeneous traffic on quality of service in 5G network (ID 185)	Registration and Welcome Tea
	11:00–11:15	**Ekaterina Borevich; Serg Mescheryakov; Victor Yanchus** Statistical Model of Computing Experiment on Digital Color Correction (ID 151)	**Yves Adou; Ekaterina Markova; Irina Gudkova** Approximate Product Form Solution for Performance Analysis of Wireless Network with Dynamic Power Control Policy (ID 161)	**Alexandr Golubev; Peter Bogatencov; Grigore Secrieru** Medical Images data optimization algorithms for Mobile Applications (ID 17)	
	11:15–11:30	**Shirokov Vladimir** Модели и методы гибридной методологии для оценки и выбора параметров конвергентных сетей радиодоступа 5G (ID 126)	**Igor Nikiforov** Detection and Detectability of Changes in a Multi-parameter Exponential Distribution (ID 58)	**Van Phu Tran** A method for extracting metadata from heterogeneous data streams (ID 199)	
	11:30–12:00	Coffee Break			
Tuesday, September 24, 2019	12:00–12:15	**Nikolai Sokolov; Andrei Levakov; Andrei Sokolov** Using a Step Distribution Function to Describe the Incoming Packet Flow (ID 54)	**Udo R. Krieger; Natalia Markovich** Modeling and Reliability Analysis of a Redundant Transport System in a Markovian Environment (ID 71)	**Vladimir Vorobiev** Telecommunication high-rise platforms and fracturing monitoring (ID 113)	
	12:15–12:30	**Leonid Abrosimov; Margarita Rudenkova** The performance evaluation of IEEE 802.11 for different sized DCF WLAN under unsaturated condition (ID 21)	**Natalia Markovich; Rostislav Razumchik** Cluster Modeling of a Lindley Process with an Application to Queuing (ID 73)	**Konstantin Kostiukhin; Vladimir Galatenko** Статический анализ исходных текстов программ в системах реального времени (ID 52)	
	12:30–12:45	**Shagen Arutyunyan; Leonid Abrosimov** Проблема управления сетевыми ресурсам при реализации грид-систем (ID 93)	**Maxim Ryzhov; Natalia Markovich** Random graph node classification by extremal index of PageRank (ID 96)	**Dmitry Aminev; Dmitry Kozyrev; Ruslan Kirichek** Анализ архитектур файловых систем для распределённых хранилищ (ID 240)	
	12:45–13:00	**Elizaveta Barabanova; Konstantin Vytovtov; Victor Podlazov** Model and algorithm of next generation optical switching systems based on 8x8 elements (ID 74)	**Igor Kartashevskiy** Solution of Lindley integral equation for correlated traffic (ID 184)	**Konstantin Alikin; Vitaly Morozov** Система обратной связи для удаленного источника питания с преобразованием напряжение-частота и оптоволоконной линией передачи (ID 4)	
	13:00–13:15	**Konstantin Vytovtov; Elizaveta Barabanova** Mathematical Model Of Four-Dimensional Communication Systems Based On Block Diagonal Matrix With 2x2 Blocks (ID 79)	**Ivan Blagoev** Application of time series techniques for random number generator analysis (ID 40)	**Vera Pavlova; Ruslan Glushakov; Rustam Pirmagomedov** Интернет Вещей в здравоохранении: новые возможности и актуальные проблемы (ID 36)	

Tuesday, September 24, 2019	13:15–13:30	**Vasily Balashov** Сравнение различных подходов к построению бортовых коммутируемых сетей (ID 144)	**Igor Rodionov** On estimation of Weibull-tail and log-Weibull-tail distributions for modeling end-to-end delay (ID 42)	**Tatyana Nesenyuk** Исследования применения RFID-индикации полимерных изоляторов в системе электроснабжения (ID 166)	Registration	ICS RAS
	13:30–13:45	**Dmitrii Volchkov; Nina Bakanova** Автоматизированный режим подготовки распорядительных документов в управленческой организации (ID 87)	**Sergey Dudin; Olga Dudina; Alexander Dudin** Исследование системы обслуживания с групповым марковским потоком, без буфера и дисциплиной полного отказа, обслуживанием фазового типа и использованием разделения процессора при превышении числом активных пользователей порогового значения (ID 11)	**Ivan Brokarev; Sergei Vaskovskii** Распределенная система сбора данных для задачи анализа компонентного состава природного газа (ID 46)		
	13:45–14:00	**Maksim Kavalerov** A routing algorithm based on AQRERM with estimates of waiting time in the neighbor's queue (ID 230)	**Sergey Dudin; Olga Dudina; Alexander Dudin** Исследование системы с распределением времени обслуживания фазового типа и использованием дисциплины разделения процессора при превышении лимита суммарной интенсивности обслуживания запросов (ID 9)	**Igor Khromov** Организм человека как элемент межсегментной коммуникации (ID 159)		
	14:00–15:00	Lunch Time				
	15:00–18:00	**A.2.2. Computer and Communication Networks and Technologies** *Chairs: Prof. A.Dvorkovich, Prof. C.Kim*	**B.2.2. Analytical Modeling of Distributed Systems** *Chairs: Prof. A.Melikov, Prof. A.Nazarov*	**C.2.2. Distributed Systems Applications** *Chairs: Prof. R.Meshcheryakov, Prof. L.Abrosimov*		
Tuesday, September 24, 2019	15:00–15:15	**Aleksandr Ivchenko; Lyubov Antyufrieva; Alexander Dvorkovich** PPPXoE - Adaptive Link-Layer Protocol for High-Speed Packet Networks (ID 195)	**Anatoly Nazarov; Svetlana Paul; Olga Lizyura** Asymptotic-Diffusion Analysis for Retrial Queue with Batch Poisson Input and Multiple Types of Outgoing Calls (238)	**Oleg Evsutin; Roman Meshcheryakov; Vladimir Tolmachev; Andrey Iskhakov; Anastasia Iskhakova** Algorithm for embedding digital watermarks in wireless sensor networks data with control of embedding distortions (ID 229)		
	15:15–15:30	**Alexander Dvorkovich; Viktor Dvorkovich** Synthesis of High-Performance Window Functions Using Minimization of Difference between its Waveform and Spectrum (ID 247)	**Anastasia Galileyskaya; Ekaterina Lisovskaya; Ekaterina Fedorova** Resource Queueing System with the Requirements Copying at the Second Phase	**Anikina Evgenia; Kalashnikov Andrey** Heterogeneous network security effective monitoring method (ID 101)		
	15:30–15:45	**Viktor Dvorkovich; Alexander Dvorkovich** Dolph-Chebyshev and Barcilon-Temes Window Functions Modification (ID 234)	**Ivan Lapatin; Anatoly Nazarov** Asymptotic Analysis of the Output Process in Retrial Queue with Markov-Modulated Poisson Input under Low Rate of Retrials Condition (ID 237)	**Dmitry Aminev; Vladimir Prokudin; Dmitry Kozyrev; Ruslan Kirichek** Вопросы безопасности SDN в центре обработки данных (ID 236)		
	15:45–16:00	**Gleb Verba; Kirill Bystrov; Viktor Dvorkovich; Gennady Gryzov** The use of Intra Prediction method in wavelet-based video coding systems (ID 174)	**Elena Danilyuk; Ekaterina Fedorova** Negative Binomial Distribution Approximation in Retrial Queue M/M/1 with Collisions and Impatient Calls (ID 104)	**Vishnevsky Vladimir; Kirichek Ruslan; Shirvanyan Artem** Конструкция и требования к кабель-тросу для питания беспилотной привязной телекоммуникационной платформы (ID 243)		
	16:00–16:15	**Fedor Konstantinov; Gennady Gryzov; Kirill Bystrov** The use of Asymmetric Numeral Systems entropy encoding in video compression (ID 137)	**Diana Tumashkina; Liudmila Nezhel'skaya** Estimation of the Probability Density Parameters of the Interval Duration between Events in Correlated Semi-synchronous Event Flow of the Second Order by the	**Adam Vas; Laszlo Toth** Investigation of a hybrid sensor- and computational network for numerical weather prediction calculations (ID 16)		
	16:15–16:45	Coffee-break				
	16:45–17:00	**Gleb Verba; Kirill Bystrov** Optimal quantization methods in problems of visual data multichannel wavelet-compression (ID 133)	**Andrey Larionov, Vladimir Vishnevsky** Performance analysis of IEEE 802.11 DCF wireless multihop networks using queueing systems with phase-type distributions of service time	**Vladimir bogatyrev; Stanislav Bogatyrev; Sergey Aleksankov; Aleksey Derkach** Model of cluster reliability with support of continuity of computational process in the migration of virtual machines (ID 136)		
	17:00–17:15	**Lyubov Antyufrieva; Aleksandr Ivchenko** Adaptation of the frame synchronization algorithm of the second generation satellite broadcasting standard DVB-S2 for communication system (ID 228)	**Agassi Melikov; Sevinj Aliyeva** Mathematical Models of The Queuing Systems with MMPP Flow and Instantaneous Feedback (ID 138)	**Kirill Mityagin** An multiparameter intelligent monitoring system in intensive care (ID 120)	Registration	ICS RAS

Tuesday, September 24, 2019	17:15–17:30	**Aleksei Rozhnov; Igor Lobanov** Системная интеграция и обоснование условий применения способа передачи сообщений без этапности установления соединений (ID 205)		**Buyan Dongak** Мониторинг сетевой активности автоматизированных рабочих мест сотрудников организации (ID 186)		
	17:30–17:45	**Mityagin Kirill; Levchenko Andrew** Joint channel estimation and data decoding for COFDM wireless communication systems (ID 8)				

			Room 224	RUDN
Wednesday, September 25, 2019	09:00-10:00	Registration and welcome tea (Room 224)		
		Room 214		
	10:00–14:00	**C.3.1. Distributed Systems Applications** Chairs: Prof. L.Sevastianov, Prof. D.Kulyabov	Registration and Welcome Tea	
	10:00–10:15	**Alexander Grusho; Elena Timonina; Nick Grusho** The bans in finite probability spaces and the problem of small samples (ID 231)		
	10:15–10:30	**Alexander Grusho; Nick Grusho; Elena Timonina** Information Flow Control on the Basis of Meta Data (ID 88)		
	10:30–10:45	**Fedorenko Vladimir; Vladimir Samoylenko; Alexsey Vinogradenko; Samoylenko Irina; Anikuev Sergey; Sharipov Ildar** Mathematical aspects of stable state estimation of the radio equipment in terms of communication channel functioning (ID 97)		
	10:45–11:00	**Hilquias Viana; Ivan Zaryadov; Dmitry Kulyabov** Some aspects of using the general renovation as the active queue management mechanism (ID 100)		
	11:00–11:15	**Andrey Gorshenin; Mariia Lebedeva; Svetlana Lukina; Alina Yakovleva** On handling the missing values in precipitation records using machine learning algorithms (ID 125)		
Wednesday, September 25, 2019	11:15–11:30	**Budko Pavel; Fedorenko Vladimir; Alexsey Vinogradenko; Vladimir Samoylenko; Pedan Alexey** Approach to the intellectual monitoring of the technical condition of difficult dynamic objects on the basis of the systems of a polling (ID 162)		
	11:30–12:00	Coffee Break at RUDN Dining Hall		
	12:00–12:15	**Olga Kantor** Параметрическая идентификация линейных зависимостей в условиях неопределенности исходных данных (ID 83)	Registration	
	12:15–12:30	**Olga Kantor; Semen Spivak; Bella Khashper** Оценка погрешности экспериментальных данных в задачах параметрической идентификации линейных моделей (ID 115)		
	12:30–12:45	**Dmitriy Divakov; Alexandre Egorov; Konstantin Lovetskiy; Anton Sevastianov; Leonid Sevastianov** Leaky Modes in Laser-printed Integrated Optical Structures (ID 190)		
	12:45–13:00	**Nikolay Tretyakov; Leonid Sevastianov; Alexander Zorin** States with minimum dispersion of observables in Kuryshkin-Wodkiewicz quantum mechanics (ID 212)		
	13:00–13:15	**Vladimir Melezhik; Leonid Sevastianov** Calculation of Probability Density Distribution of Ultracold Atoms and Molecules in Waveguide-like Traps (ID 225)		
	13:15–13:30	**Peter Trefilov; Rinat Galin; Mariya Romanova** Simulation modeling of Strapdown Inertial Navigation Systems (SINS) for dynamic object in different correction modes (ID 216)		
	14:00–15:00	Lunch		RUDN
	15:30–18:30	**Guided City Bus Tour**		

		Room 224	
	09:00-10:00	Registration and welcome tea (Room 224)	
		Room 208	**Room 214**	
Thursday, September 26, 2019	10:00–13:00	**A.4.1. Computer and Communication Networks and Technologies** *Chairs: Prof. T.Atanasova, Prof. V.Vishnevsky*	**B.4.1. Analytical Modeling of Distributed Systems** *Chairs: Prof. A.Andronov, Prof. V.Rykov*		Registration and Welcome Tea	**RUDN**
	10:00–10:15	**Attila Kuki** Modeling of a Two-Way Communication System with a Special Searching for Customers (ID 172)	**Diana Santalova; Alexander Andronov** Estimation of the parameters of continuous-time finite Markov chain (ID 51)			
	10:15–10:30	**Valeriy Naumov; Vitalii Beschastnyi; Daria Ostrikova; Yuliya Gaidamaka** 5G New Radio System Performance Analysis Using Limited Resource Queuing Systems with Varying Requirements (ID 189)	**Vladimir Rykov; Boyan Dimitrov** Renewal Redundant Systems Under the Marshall-Olkin Failure Model. Sensitivity Analysis			
	10:30–10:45	**Yurii Orlov; Anastasia Ivchenko; Natalia Podzharaya; Vsevolod Shorgin; Aliaksandr Birukou; Yuliya Gaidamaka; Konstantin Samouylov** On the stability of D2D connection with the use of kinetic equation for SIR empirical distribution function density (ID 34)	**Armen Stepanyants; Valentina Viktorova** Reliability Analysis of Systems with Hybrid Recovery and Imperfect Built-in-Test (ID 76)			
	10:45–11:00	**Yuriy Zaychenko; Volodymyr Vasyliev; Dmytro Vishtal; Natalia Lyubashenko** Accurate and interval estimates of the probability of network service availability for communication networks (ID 106)	**Elmira Kalimulina** Rate of convergence of Markov Queueing Systems with dynamic routing (ID 158)			
	11:00–11:15	**Kinh Hoang** Communication network system modeling for application in ship (ID 44)	**Galina Zverkina** Об одной системе восстановления с тёплым резервом (ID 142)			
	11:15–11:30	**Pavel Mikheev; Pavel Pristupa; Sergey Sushchenko** Performance of transport connection with selective failure mode when competing for throughput of data transmission path (ID 239)	**Mikhail Fedotkin; Evgeniy Kudryavtsev** Изучение числовых характеристик имитационной модели адаптивного управления конфликтными потоками неоднородных требований (ID 26)			
	11:30–12:00	Coffee Break				
Thursday, September 26, 2019	12:00–12:15	**Dmitry Kochetkov, Nail Sadekov** Вызовы информационного общества	**Lusine Meykhanadzhyan; Ivan Zaryadov** Stationary Characteristics of the G/MSP/n/∞ Queue with General Renovation (ID 94)			
	12:15–12:30	**Maxim Fomin; Sergey Shorokhov** The Construction of Time-Series Data in the Multidimensional Information System Designed Using the Cluster Method (ID 179)	**Tatyana Bushkova** Resource Queueing System with Paired Requests and Their Parallel Service (ID 68)			
	12:30–12:45	**Dmitry Poluektov; Michail Polovov; Petr Kharin; Martin Stusek; Krystof Zeman; Pavel Masek; Irina Gudkova; Jiri Hosek; Konstantin Samouylov** On the Performance of LoRaWAN in Smart City: End Device Design and Communication Coverage (ID 200)	**Gheorghe Mishkoy; Lilia Mitev** Algorithms and numerical results for DD priority discipline with semi-Markov switching (ID 56)			
	12:45–13:00	**Victor Pasenchuk** Android testable architecture overview and usage in biometric security systems (ID 233)	**Dmitry Kozyrev; Duy Phuong Nguyen** Расчёт характеристик надёжности лётного модуля привязной мультироторной беспилотной высотной платформы на основе гексакоптера (ID 245)			
			B.4.2. Analytical Modeling of Distributed Systems *Chairs: Prof. E.Morozov , Prof. S.Stepanov*			

	13:00–13:15	**Ivan Tsitovich** Group Polling Method Upon the Independent Activity of Sensors in Unsynchronized Wireless Monitoring Networks (ID 98)		Registration	RUDN
	13:15–13:30	**Alexandra Borodina; Evsey Morozov; Oleg Lukashenko** On estimation of rare event probability in degradation process with light-tailed stages (ID 175)			
	13:30–13:45	**Alexander Rumyantsev; Evsey Morozov; Irina Peshkova** On Failure Rate Comparison of Finite Multiserver Systems (ID 156)			
	13:45–14:00	**Taisia Morozova; Evsey Morozov** A Multiclass Retrial System With Coupled Orbits And Mixed Service Interruptions (ID 60)			
	14:00–15:00	Lunch			
	15:00–15:15	**Mariia Maltseva** Асимптотический анализ N-модели с приоритетом (ID 188)			
	15:15–15:30	**Ksenia Zhukova** Large deviation approximation for a constant retrial rate system (ID 177)			RUDN
	15:30–15:45	**Sergey Stepanov; Mikhail Stepanov; Hanna Zhurko** The Modeling of Call Center Functioning in Case of Overload (ID 129)			
	15:45–16:00	**Yuriy Obzherin; Stanislav Sidorov; Mikhail Nikitin** Hidden Markov model of information system with component-wise storage devices (ID 155)			
	16:00–16:15	**Ruslana Nekrasova** On verification of stability of multi-orbit system with general retrials: simulation approach (ID 157)			
	16:15–16:45	Coffee Break			
Thursday, September 26, 2019	16:45–17:00	**Veronika Antonova; Liudmila Zhilyakova; Nikolay Kuznetsov; Natalya Grechishkina** Evaluation of Information Transmission Resource While Processing Heterogeneous Traffic in Data Networks (ID 105)			
	17:00–17:15	**Fedor Rodionov; Maria Kocheganova** Построение математической модели класса систем двухрежимного циклического управления перекрестком (ID 78)			
	17:15–17:30	**Alexander Grebeshkov** Cognitive Network States Analysis under Vertical Handover with Markov Chains Model (ID 59)			
	18:00–21:00	**Conference dinner, RUDN dining hall**			

		Room 214	
Friday, September 27, 2019	10:00–12:00	**Round Table: On applications of the distributed systems (Круглый стол по вопросам приложений распределённых систем)** *Chairs: prof. Vladimir Vishnevsky, prof. Konstantin Samouylov*	**RUDN**
	12:00–12:15	**Conference Closing**	