Time Interval	October 5, 2016		
	All tracks **Opening & Plenary sessions** *RUDN University main building, Miklukho-Maklaya str. 6*		
9:00 - 10:00	Registration: Registration desk, Conference Hall, 1st floor		
10:00 - 12:00	Plenary session 1: Conference Hall, 1st floor Andrew Kusiak «Big Data in Engineering Systems» Ivan Zelinka «On Possibilities of Unconventional and Real Time Control of Swarm Based Systems»		
12:00 - 12:10	**Collective photo**		
12:10 - 13:00	**Coffee Brake / Lunch**		
13:00 - 14:30	Plenary session 2: Conference Hall, 1st floor Stanislav Vassilyev «Intelligent control systems. Fuzzy controllers» Felix Chernousko «Locomotion Principles for Mobile Robotic Systems»		
14:30 - 15:00	**Coffee Brake / Lunch**		
15:30 - 16:30	RUDN University at a glance, Visit to RUDN Mission Control Center		
Time Interval	October 6, 2016		
	Track 1 **METHODS AND THEORY OF INTELLIGENT SYSTEMS** *Room 345*	Track 2 **COMPUTATIONAL METHODS FOR INTELLIGENT SYSTEMS** *Room 350*	Track 3 **APPLIED INTELLIGENT SYSTEMS** *Library*
10:00 - 11:00	Plenary session 3: Club, Ordzhonikidze str., 3 Askhat Diveev «Symbolic Regression Methods for Intelligent Control Systems» Evgeny Nikulchev «Cloud Technologies and Supercomputers for Intelligent Systems»		
11:00 - 11:30	**Coffee Brake**		
11:30 - 11:45	**ID 14** **Cognitive Aspects of Timetable Visualization: Support Decision Making** N.N. Klevanskiy, M.A. Antipov, A.A. Krasnikov Chair "Economical cybernetics", Saratov State Agrarian University named after N.I. Vavilov, Saratov, Russia *nklevansky@yandex.ru*	**ID 134** **Neural Network Models of Time Series of Network Traffic Intensities** A. Gabdrakhmanov, N. Gabdrakhmanova Ufa, Russia *Art.gabdrakhmanov@gmail.com, gabd-nelli@yandex.ru*	**ID 110** **Application of Multi-Agent Technology in the Scheduling System of Swarm of Earth Remote Sensing Satellites** P.O. Skobelev (1,2), E.V. Simonova (2), A.A. Zhilyaev (2), V.S. Travin (1) 1 - SEC Smart Solutions Ltd, Samara, Russia 2 - Samara University, Samara, Russia *simonova.elena.v@gmail.com*
11:45 - 12:00	**ID 124** **Integration of Case-Based and Rule-Based Reasoning Through Fuzzy Inference in Decision Support Systems** T.V. Avdeenko, E.S. Makarova Novosibirsk State Technical University, Novosibirsk, Russia *avdeenko@corp.nstu.ru, katmc@yandex.ru*	**ID 4** **Uncertain Programming in Preliminary Design of Technical Systems with Uncertain Parameters** G. Veresnikov, L. Pankova, V. Pronina Institute of Control Sciences V.A. Trapeznikov Academy of Sciences, Moscow, Russia *veresnikov@mail.ru, ludmila_pankova@bk.ru, pron@ipu.ru*	**ID 3** **Prediction of Engine Demand with a Data-Driven Approach** Hudson Francis, Andrew Kusiak Department of Mechanical and Industrial Engineering, 3131 Seamans Center, The University of Iowa, Iowa City, IA 52242-1527, USA *andrew-kusiak@uiowa.edu*
	ID 20 **The Analysis of Stochastic Properties of the SVD Decomposition at Approximation of the Experimental Data**	**ID 144** **The Big Data Approach to Collecting and Analyzing Traffic Data in Large Scale Networks**	**ID 5** **Scalable Service for Professional Skills Analysis Based on the Demand of the Labor Market and Patent Search**

12:00 - 12:15	V.B. Kulikov, A.B. Kulikov, V.P. Khranilov Nizhny Novgorod State Technical University n. a. R. E. Alekseev, Nizhny Novgorod, Russia *vb.kulikov@yandex.ru, akulikov@nntu.nnov.ru, hranilov@nntu.nnov.ru*	L.U. Laboshin, A.A. Lukashin, V.S. Zaborovsky Peter the Great Saint-Petersburg Polytechnic University, Saint Petersburg, Russia *{lukash,laboshinl,vlad}@neva.ru*	E. Nikulchev (1), D. Ilin (2), E. Matishuk (3), G. Bubnov (1) 1 - Moscow Technological Institute, Moscow, Russia 2 - Moscow Technological University MIREA, Moscow, Russia 3 - Moscow Institute of Physics and Technology, Moscow, Russia *nikulchev@mail.ru, i@dmitryilin.com, e.mateshuk@gmail.com, gbubnov@gmail.com*

	ID 141 **Structure of System Position – Force Control of the Drive Stewart Platform**	**ID 7** **Study of Using Deep Learning Nets for Mark Detection in Space Docking Control Images**	**ID 8** **Real-time Aerodynamic Parameter Identification for the Purpose of Aircraft Intelligent Technical State Monitoring**
12:15 - 12:30	I.N. Egorov, D.S. Shevtsov VlSU, Vladimir, Russia *egorovmtf@mail.ru, VlSU.erzuts@mail.ru*	I.S. Fomin, A.V. Bakhshiev, D.A. Gromoshinskii Russian State Scientific Center for Robotics and Technical Cybernetics (RTC) Saint-Petersburg, Russia *i.fomin@rtc.ru*	O.N. Korsun (1), M.H. Om (2), K.Z. Latt (2) 1 - State Institute of Aviation Systems, Moscow, Russia 2 - Moscow Aviation Institute (National Research University), Moscow, Russia *marmotto@rambler.ru*
	ID 25 **Models of Neuro-Fuzzy Agents in Intelligent Environments**	**ID 122** **Features of Control Algorithms for Frequency Distribution in Conditions of Mass Use Internet of Things**	**ID 126** **Autonomous Mobile Robotic System for Environment Monitoring in a Coastal Zone**
12:30 - 12:45	A. Shvetsov Information systems and technology department, Vologda State University, Vologda, Russia *isit@mh.vstu.edu.ru*	V. Loginov, S. Pavlov, Yu. Fedosenko Volga State University of Water Transport, Electro-mechanic Dept., Nizhny Novgorod, Russia *loginov@vgavt-nn.ru, pavlovstanislav@mail.ru, fds@vgavt-nn.ru*	A.A. Kurkin, D.Yu. Tyugin, V.D. Kuzin, A.G. Chernov, V.S. Makarov, P.O. Beresnev, V.I Filatov, D.V. Zeziulin Nizhny Novgorod State Technical University n.a. R.E. Alekseev, Nizhny Novgorod, Russia *aakurkin@gmail.com, dtyugin@gmail.com, chromium32@mail.ru, chernov.anton.mail@gmail.com, makvl2010@gmail.com, norb132801@gmail.com, Filatov.V.NGTU@yandex.ru, balakhnaman@gmail.com*
	ID 113 **Human Localization in the VIdeo Stream Using the Algorithm Based on Growing Neural Gas and Fuzzy Inference**	**ID 155** **Development and Research of Models of Organization Distributed Cloud Computing Based on the Software-Defined Infrastructure**	**ID 10** **Intellegent Support for Aircraft Flight Test Data Processing in Problem of Engine Thrust Estimation**
12:45 - 13:00	O.S. Amosov, Y.S. Ivanov, S.V. Zhiganov Komsomolsk-on-Amur State Technical University, Komsomolsk-on-Amur, Russia *osa18@yandex.ru*	I. Bolodurina, D. Parfenov Orenburg State University, Orenburg, Russia *parfenovdi@mail.ru*	O.N. Korsun (1), B.K. Poplavsky (2), S. Ju. Prihodko (3) 1 - State Institute of Aviation Systems, Moscow, Russia 2 - Gromov Flight Research Institute, Zhukovsky, Russia 3 - Moscow Aviation Institute (National Research University), Moscow, Russia *marmotto@rambler.ru*
	ID 36 **Conceptual Model of Problem-Oriented Heterogeneous Distributed Computing Environment with Multi-Agent Management**	**ID 104** **The Use of Genetic Algorithm for Construction Objects with Necessary Average Values Scattering Characteristics**	**ID 30** **The Development of Individually-Adapted Neural Network Model of "Pilot-Aircraft" System Using Modern Aircraft Simulation Facility**
13:00 - 13:15	I. Bychkov (1), G. Oparin (1), A. Tchernykh (2), A. Feoktistov (1), V. Bogdanova (1), S. Gorsky (1) 1 - Matrosov Institute for System Dynamics and Control Theory, SB RAS, Irkutsk, Russia 2 - CICESE Research Center, Computer Science Department, Carretera Ensenada-Tijuana No. 3918, Zona Playitas, Codigo Postal 22860, Apdo. Postal 360, Ensenada, B.C., Mexico *agf65@yandex.ru*	I.Ya. Lvovich (1), Ya.E.Lvovich (2), A.P. Preobrazhenskiy (2), O.N. Choporov (2), Yu.S.Sakharov (3) 1 - Faculty of informatics of Paneuropean University Bratislava, Slovakia 2 - Faculty of Informatics of Voronezh Institute of High Technologies, Voronezh, Russia 3 - Rectorate Advisor of International University "Dubna", Voronezh, Russia *Komkovvivt@yandex.ru*	R.V. Kim (1), V.A. Yakimenko (1), E.A. Burlak (2), A.M. Nabatchikov (2), A.A. Jatsko (3) 1 - Moscow Aviation Institute (National Research University), Moscow, Russia 2 - State Institute of Aviation Systems, Moscow, Russia 3 - Bauman State Technical University (National Research University), Moscow, Russia *romanvkim@yandex.ru, burlak@gosniias.ru*

13:15 - 13:30	**ID 37** **Selection of Optimal Frequency Bands of the Electroencephalogram Signal in Eye-Brain-Computer Interface** P. Sotnikov (1), K. Finagin (2), S. Vidunova (1) 1 - Bauman Moscow State University, Moscow, Russia 2 - DataArt, Saint-Petersburg, Russia *sotnikoffp@gmail.com, konstantin.finagin@gmail.com, svetlana.vidunova@gmail.com*	**ID 108** **Use Algorithm Based at Hamming Neural Network Method for Natural Objects Classification** O.I. Khristodulo (1), A.A. Makhmutov (1), T.V. Sazonova (2) 1 - Ufa State Aviation Technical University, Ufa, Russia 2 - Orenburg State University Kumertau branch, Kumertau, Russia *o-hristodulo@mail.ru, arthur.makhmutov@gmail.com, SazonowaTV@kfosu.edu.ru*	**ID 24** **Individually-Adapted Control and Support Of Pilot's Control Actions Based on Neural Network Models** V.N. Evdokimenkov (1), M.N. Krasil'shchikov (1), M.K. Ohm (1), O.N. Korsun (2), G.G. Sebryakov (2) 1 - Moscow Aviation Institute (National Research University), Moscow, Russia 2 - State Institute of Aviation Systems, Moscow, Russia *evn@netland.ru, marmotto@rambler.ru*
13:30 - 14:30	**Coffee Brake / Lunch**		
14:30 - 14:45	**ID 43** **Visual Servoing Based on Theory of Transformation Group** V.P. Makarychev Central R&D Institute of Robotics and Technical Cybernetics, IRTC, Saint-Petersburg, Russia *makar@rtc.ru*	**ID 149** **Weld Geometry Estimation with Artificial Neural Network Models** A.I. Gavrilov (1), E.A. Gladkov (1) , L.S. Mikhaylova (2) 1 - Bauman Moscow State Technical University, Moscow, Russia 2 - Elektrostal Polytechnic University, Elektrostal, Russia *alexgavrilov@mail.ru, 123777@bk.ru, lsmixx@rambler.ru*	**ID 50** **Technique of Evolutionary Optimization Permanent-Magnet Synchronous Motors** V.A. Kuznetcov, N.V. Zykov, M.M. Ivanov The Russian State Scientific Center for Robotics and Technical Cybernetics, Saint Petersburg, Russia *m.ivanov@rtc.ru*
14:45 - 15:00	**ID 46** **Application the Spiking Neuron Model with Structural Adaptation to Describe Neuromorphic System** A.V. Bakhshiev, F.V. Gundelakh Computer Vision Laboratory, Russian State Scientific Centre for Robotics and Technical Cybernetics (RTC), Saint-Petersburg, Russia *alexab@rtc.ru*	**ID 64** **An Algorithm for Constructing Feature Relations Between the Classes in the Training Set** Centre for the development of software and hardware-program complexes at the TUIT, Tashkent, Uzbekistan *alisherhsh@mail.ru*	**ID 65** **Recognition of Separate Flat Objects Based on Dimensionless Signs of their Contours by Linear Discriminant Analysis** S.S. Sadykov, Y.Yu. Kulkov Murom Institute (branch) of Vladimir State University, Murom, Russia *sasykovss@yandex.ru; y-mail@mail.ru*
15:00 - 15:15	**ID 52** **Usage of Algorithms for the Analysis Natural Languages Texts Based on Intensional Logic of Montague in Area of Finding Answers on Questions** A. Shvetsov Vologda State University, Vologda, Russia *isit@mh.vstu.edu.ru*	**ID 75** **Interpolation of Data Stream by Polynomials of Ultrahigh Degree** V.F. Zhirkov (2,1), K.N. Bolshakov (1), G.V. Prokofiev (1) 1. - Zelenograd nanotechnology center, Moscow, Zelenograd, Russia 2. - Vladimir State University. A. G. and N. G. Stoletovs, Vladimir, Russia *jirkovvf@mail.ru*	**ID 70** **Information-Hardware Support of Systems of the Automated Electromagnetic Monitoring of Geodynamic Objects** A. Bykov (1), O. Kuzichkin (1), N. Dorofeev (1), A. Koskin (2) 1 - Vladimir State University, Vladimir, Russia 2 - Orel State University, Orel, Russia *bykov_a_a@list.ru*
15:15 - 15:30	**ID 53** **Criteria of Accuracy and Quality in Intellectual Self-Organizing Automatic Control Systems** M.F. Stepanov (1), A.M. Stepanov (2) 1 - Yury Gagarin State Technical University of Saratov 2 - Institute of Problems of Exact Mechanics and Control of the Russian Academy of Science *mfstepanov@mail.ru*	**ID 82** **The Selection of Etalons and the Formation of a Training Set in Constructing of Extreme Algorithms of Partial Precedents** M. Kamilov, M. Hudayberdiev Centre for the development of software and hardware-program complexes at the TUIT, Tashkent, Uzbekistan *mirzaakbarhh@gmail.com*	**ID 73** **Diagnosis of Neuro-Physiological State Of A Person on the Biomechanical Parameters** A.V. Grecheneva (1), N.V. Dorofeev (2), O.R. Kuzichkin (1), I.S. Konstantinov (1) 1 - Institute of Engineering Technology and Natural Science, Belgorod National Research University, Belgorod, Russia 2 - Murom Institute (branch) Vladimir State University, Murom, Russia *1155464@bsu.edu.ru*

	ID 56	**ID 85**	**ID 74**
15:30 - 15:45	**Attractors in the Development Problem of the Forecasting Model on the Base of the Strictly Binary Trees** L. Demidova, O. Krylova, E. Zhdankina, V. Reshetova, E. Sofyin Ryazan State Radio Engineering University, Ryazan, Russia *liliya.demidova@rambler.ru, ole4kakrylova@yandex.ru, aaa_rrr@mail.ru, arev62rus@mail.ru, eugenesofjin@gmail.com*	**Granular Computing Models and Methods based on the Spatial Granulation** S. Butenkov (1), A. Zhukov (1), A. Nagorov (2), N. Krivsha (3) 1 - Mathematics department Scientific Research Center of Super– and Neurocomputer, Taganrog, Russia 2 - Mathematics department Kabardino-Balkarian State University (KBSU), Nalchik, Russia 3 - Institute of Computer technologies and information safety South Federal University (SFedU), Rostov-na-Donu, Russia *saabmount@gmail.com, anzorzhukov@gmail.com, cuba13@rambler.ru, natalie-home@yandex.ru*	**The Method of Measuring the Biomechanical Parameters of Human Spine System Diagnostics and Rehabilitation** N.V. Dorofeev (1), O.R. Kuzichkin (1), V.T. Eremenko (2) 1 - Department of Radio Electronics and Computer Systems, Murom Institute (branch), Vladimir State University, Murom, Russia 2 - Federal State Budgetary Educational Institution of Higher Education Orel State University named after I.S. Turgenev, RU *dorofeevnv@yandex.ru*
	ID 57	**ID 86**	**ID 76**
15:45 - 16:00	**Intellectual Approaches to Improvement of the Classification Decisions Quality on the Base of the SVM Classifier** L. Demidova, Yu. Sokolova, I. Klyueva, N. Stepanov, N. Tyart Ryazan State Radio Engineering University, Ryazan, Russia *liliya.demidova@rambler.ru, juliasokolova62@yandex.ru, i.aleschenko@yandex.ru, darknikis85@gmail.com, rznnike@yandex.ru*	**Greedy Algorithms for Granular Computing Problems in Spatial Granulation Technique** N. Krivsha (1), V. Krivsha (2), Z. Beslaneev (3), S. Butenkov (2) 1 - Institute of Computer technologies and information safety South Federal University (SFedU), Rostov-na-Donu, Russia 2 - Scientific Research Center of Super– and Neurocomputer, Taganrog, Russia 3 - Mathematics department Kabardino-Balkarian State University (KBSU) Nalchik, Russia *natalie-home@yandex.ru, kvit_ok@mail.ru, bzo@pisem.net, saabmount@gmail.com*	**The Features of the Information Integration and Complex Processing in the Airborne Situational Awareness Systems** V.S. Verba, V.I. Merkulov, D.A. Milyakov Joint Stock Company "Radioengineering Corporation "Vega", Moscow, Russia *from_fn@mail.ru*
	ID 159	**ID 92**	**ID 84**
16:00 - 16:15	**Optimization of Fuzzy PID Controller's Parameters** Y.I. Kudinov (1), V.A. Kolesnikov (1), F.F. Pashchenko (2), A.F. Pashchenko (2), L. Papic (3) 1 - Lipetsk State Technical University, Lipetsk, Russia 2 - Institute of Control Sciences V.A. Trapeznikov Academy of Sciences, Moscow, Russia 3 - Scientific Centre DQM, Serbia *kui_kiu@lipetsk.ru, feodor@ipu.ru, paschenko_alex@mail.ru, dqmcenter@open.telekom.rs*	**Decision Support in Intelligent Maintenance-Planning Systems Based on Contextual Multi-Armed Bandit Algorithm** A.V. Savchenko (1), V.R. Milov (2) 1 - Laboratory of algorithms and technologies for network Analysis National Research University Higher School of Economics Nizhny Novgorod, Russia 2 - Institute of Radio Electronics and Information Technologies N. Novgorod State Technical University n.a. R.E. Alekseev Nizhny Novgorod, Russia *avsavchenko@hse.ru*	**Electrical Energy Supply Control Support via Meters Data Ellipsoidal Approximation in Smart Grids** G. Chrysostomou (1), A. Shikhina (2), V. Shikhin (3) 1- General Dept. Frederick University of Technology, Nicosia, Cyprus 2 - Dept. of Research and Development RT-Soft LLC, Moscow, Russia 3 - Dept. of Control and Informatics, Moscow Power Engineering Institute, Moscow, Russia *Chrysostomou_George@yahoo.com, Shikhina_AV@rtsoft.msk.ru, ShikhinVA@mpei.ru*
	ID 61	**ID 145**	**ID 90**
16:15 - 16:30	**The System for Histopathology Images Analysis of Spinal Cord Slices** V.V. Mikhaylov, A.V. Bakhshiev Russian State Scientific Center for Robotics and Technical Cybernetics (RTC) Saint-Petersburg, Russia *v.mikhaylov@rtc.ru*	**Cloud Educational Resource Datacenter Simulator** A. Shukhman, I. Bolodurina, P. Polezhaev, L. Legashev Orenburg State University, Orenburg, Russia *shukhman@gmail.com, ipbolodurina@yandex.ru, newblackpit@mail.ru, silentgir@gmail.com*	**Application of Unnormalized Neurostructural Models ANFIS for the Tasks of Binary Classification** O.A. Nazarkin, P.V. Saraev Lipetsk State Technical University, Lipetsk, Russia *nazarkino@mail.ru, psaraev@yandex.ru*
	ID 114	**ID 98**	**ID 127**
	The Principle of Multi-Alternativity in Intelligent Systems. Active Neural Network Models	**The Program System for Automated Parameter Tuning of Optimization Algorithms**	**Design of Flat Wheel Braking Control System with Three Modes of motion: Rolling, Sliding, Locking**

Time Interval	Track 1 METHODS AND THEORY OF INTELLIGENT SYSTEMS	Track 2 COMPUTATIONAL METHODS FOR INTELLIGENT SYSTEMS	Track 3 APPLIED INTELLIGENT SYSTEMS
16:30 - 16:45	S.L. Podvalny, E.M. Vasiljev Department of Automated and Computer Systems, Voronezh State Technical University, Voronezh, Russia *vgtu-aits@yandex.ru*	T. Agasiev, A.P. Karpenko Bauman Moscow State Technical University, Moscow, Russia *taaalex@mail.ru*	Denis Andrikov (1,2), Dmitry Andrikov, C.P. Droh Mecapeu (2) 1 - RUDN University, Moscow, Russia 2 - Bauman Moscow State Technical University, Moscow, Russia *andrikov_da@pfur.ru, andrikovdima@gmail.com*
16:45 - 17:00	**ID 93** **The Controllability of Parabolic Systems With Delay and Distributed Parameters on the Graph** S.L. Podvalny, V.V. Provotorov Voronezh State Technical University, Voronezh, Russia *spodvalny@yandex.ru, wwprov@mail.ru*	**ID 99** **On PI-controller Parameters Adjustment for Rolling Mill Drive Current Loop Using Neural Tuner** Y. Eremenko, A. Glushchenko, V. Petrov Stary Oskol Technological Institute n.a. A.A. Ugarov (branch) NUST "MIS&S", Stary Oskol, Russia *79040882508@ya.ru*	**ID 128** **Control Design of Ship Robust Active Rolling Stabilizer** D.A. Andrikov, A.V. Dereviankina RUDN University, Moscow, Russia *andrikov_da@pfur.ru*
17:00 - 18:00	Transfer to the main building: Miklukho-Maklaya str., 6		
18:00	Concert program, Gala Reception "Peach" dining hall, 2nd floor		

October 7, 2016			
Time Interval	Track 1 METHODS AND THEORY OF INTELLIGENT SYSTEMS *Room 345*	Track 2 COMPUTATIONAL METHODS FOR INTELLIGENT SYSTEMS *Room 350*	Track 3 APPLIED INTELLIGENT SYSTEMS *Library*
10:00 - 10:15	**ID 96** **Cognition of Ontology of Open Systems** B. Fomin, T. Kachanova Department of Automation & Control Processes, Saint-Petersburg Electrotechnical University "LETI", Saint-Petersburg, Russia *bfomin@mail.ru, kachanova-tamara@mail.ru*	**ID 1** **Grammatical Evolution for Neural Network Optimization in the Control System Synthesis Problem** D.E. Kazaryan and A.V. Savinkov RUDN University, Moscow, Russia *kazaryan de@pfur.ru*	**ID 160** **Modelling of Algorithms for Solar Panels Control Systems** T.A. Demenkova (1), O.A. Korzhova (1,2), A.A. Phinenko (1) 1 - Moscow Technological University (MIREA) Moscow, Russia 2 - RUDN University, Moscow, Russia *demenkova@mirea.ru, korzhova_oa@pfur.ru, phinenko@gmail.com*
10:15 - 10:30	**ID 100** **Intelligent System for Time Series Forecasting** A.Y. Proskuryakov Department of Radio Electronics and Computer Systems Murom Institute of Vladimir State University, Murom, Russia *alexander.prosk.murom@gmail.com*	**ID 118** **Algorithm Selection for the Predictive Model in Control Systems with Incompletely Observable Control Coordinate** A.A. Kobzev, N.A. Novikova, A.V. Lekareva Department of Mechatronics and Electronic Systems of Cars, Vladimir state university of name A.G. and N.G. Stoletovykh, Vladimir, Russia *kobzev42@mail.ru*	**ID 2** **Intelligent Traffic Flows Control System for Megapolis** A.I. Diveev (1,2), E.A. Sofronova (1), V.A. Mikhalev (1), A.A. Belyakov (1) 1 - RUDN University, Moscow, Russia 2 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences, Moscow, Russia *aidiveev@mail.ru, sofronova_ea@mail.ru, vasiliy.mihalev@yandex.ru, dndseo@yandex.ru*
	ID 101 **Using Concepts of Scientific Activity for Semantic Integration of Publications**	**ID 31** **Synthesis of Control System by Artificial Neural Networks**	**ID 138** **Network-Centric Supervisory Control System for Mobile Robotic Groups**

10:45 - 11:00	I.S. Pavlovskiy Systemic Integration Laboratory V.A. Trapeznikov Institute of Control Sciences of Russian Academy of Sciences, Moscow, Russia *isp_65@mail.ru*	K.A. Pupkov, A.Y.S. Al-Bareda, F. Ibrahim RUDN University, Moscow, Russia *pupkov@iu1.bmstu.ru, alibareda@mail.ru, fadi_math@yahoo.com*	V. Muliukha, A. Ilyashenko Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, Russia Russian State Scientific Center for Robotics and Technical Cybernetics, Saint Petersburg, Russia *vladimir@mail.neva.ru*
11:15 - 11:30	**ID 137** **Using Fuzzy Interacting Observers for Fault Diagnosis in Systems with Parametric Uncertainty** N.V. Kolesov, A.M. Gruzlikov, E.V. Lukoyanov Concern Central Scientific and Research Institute ELEKTROPRIBOR, JSC, State Research Center of the Russian Federation, Saint Petersburg, Russia *kolesovnv@mail.ru*	**ID 121** **Software System META-3 For Quantitative Evaluation of Student's Meta-Competencies on The Basis of Analysis Of His Or Her Behavior in Social Networking Services** E.A. Gavrilina, M.A. Zakharov, A.P. Karpenko, E.V. Smirnova, A.P. Sokolov Bauman Moscow State University, Moscow, Russia *gavrilina@bmstu.ru, maz@bmstu.ru, apkarpenko@bmstu.ru, evsmirnova@bmstu.ru, alsokolo@bmstu.ru*	**ID 139** **Automatic Control System for Power Grid Voltage Stabilization** E.I. Zabudskiy, G.I. Balandina RUDN University, Moscow, Russia *zabudskiy_ei@pfur.ru, balandina_gi@pfur.ru*
11:30 - 11:45	**ID 106** **Use of the Real-Time Operating Systems in the Integrated Modular Avionics** E.A. Fedosov, I.V. Koverninsky, A.V. Kan, V.B. Volkov, Yu.A. Solodelov. State Institute of Aviation Systems, Moscow, Russia *avkan@2100.gosniias.ru*	**ID 162** **Method of Binary Analytic Programming to Look for Optimal Mathematical Expression** A.I. Diveev (1,2), N.B. Konyrbaev (1,3) 1 - RUDN University, Moscow, Russia 2 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences, Moscow, Russia 3 - Department of Computer Engineering and Information Systems, the Korkyt Ata Kyzylorda State University, Kyzylorda, Kazakhstan *aidiveev@mail.ru, n.konyrbaev@mail.ru*	**ID 142** **Nonlinear Correction of Bilateral Remote Control Systems within a Mobile Robot Pipeline** I.N. Egorov, M.A. Zimin VlSU, Vladimir, Russia *egorovmtf@mail.ru, Maksim_zimin@mail.ru*
11:45 - 12:00	**ID 26** **Product Lifecycle Management Using Multi-Agent Systems Models** V.O. Karasev, V.A. Sukhanov Bauman Moscow State Technical University, Moscow, Russia *wizpnz@gmail.com*	**ID 33** **The comparison of genetic programming and variational genetic programming for a control synthesis problem on the model "Predator-victim"** S.I. Ibadulla (1), E.Yu. Shmalko (2,3), K.K. Daurenbekov (1) 1 - Department of Computer Engineering and Information Systems, the Korkyt Ata Kyzylorda State University. Kyzylorda, KZ 2 - RUDN University, Moscow, Russia 3 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences Moscow, Russia *sabit_sss@mail.ru*	**ID 143** **Designing and Modeling of Quadcopter Control System Using L1 Adaptive Control** Kyaw Myat Thu, A.I. Gavrilov Bauman Moscow State Technical University, Moscow, Russia *mr.kyaw.myatthu@ieee.org, alexgavrilov@mail.ru*
11:30 - 11:45	**ID 78** **Using of Extended Kalman Filter for Mobile Target Tracking in the Passive Air Based Radar System** B.V. Belik, S.G. Belov Joint Stock Company "Radioengineering Corporation "Vega", Moscow, Russia *boris_belik@mail.ru*	**ID 11** **Acceleration of the Multilayer Network Operator Method using MPI for Mobile Robot Team Control Synthesis** A.I. Diveev (1,2), E.Yu. Shmalko (1,2), D.N. Zakharov (1) 1 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences, Moscow, Russia 2 - RUDN University, Moscow, Russia *e.shmalko@gmail.com*	**ID 9** **The conduct of organic compounds applied to information display devices** V.V. Belyaev (1,2), Douglas Suarez (1), V.J.M. Atiencia (1) 1 - RUDN University, Moscow, Russia 2 - Moscow Region State University, Moscow, Russia *vic_belyaev@mail.ru, douglas170667@gmail.com, jose_mav@yahoo.es*

11:45 - 12:00	**ID 116** **Multi-Agent Approach for Distributed Information Systems Reliability Prediction** D.O. Yesikov, A.N. Ivutin, E.V. Larkin, V.V. Kotov Tula State University, Tula, Russia *mcgeen4@gmail.com, alexey.ivutin@gmail.com, elarkin@mail.ru, vkotov@list.ru*	**ID 16** **Comparative Analysis of Evolutionary Algorithms for the Problem of Parametric Optimization of PID Controllers** A.I. Diveev (1,2), S.V. Konstantinov (2) 1 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences, Moscow, Russia 2 - RUDN University, Moscow, Russia *svkonstantinov@mail.ru*	**ID 150** **Light Propagation through Composite Heterophase Objects with Liquid Crystal Material** V. Belyaev (1,2), A. Gorbunov (1), A. Solomatin (2), Suarez Douglas (1) 1 - RUDN University, Moscow, Russia 2 - Moscow Region State University, Moscow, Russia *vic_belyaev@mail.ru, gorbunov_aa_84@mail.ru, sotrudnica_unc@mail.ru, douglas170667@gmail.com*
12:00 - 12:15	**ID 125** **Generalized Model of Cyclic Dispatching Discipline in Mobile Robots Based on Swarm** E. Larkin, A. Ivutin, V. Kotov, D. Yesikov Tula State University, Tula, Russia *elakin@mail.ru, alexey.ivutin@gmail.com, vkotov@list.ru, mcgeen4@gmail.com*	**ID 39** **Control System Synthesis by Means of Cartesian Genetic Programming** G.I. Balandina RUDN University, Moscow, Russia *balandina_gi@pfur.ru*	**ID 152** **Retrial Queueing Systems in Series of Space Experiments "Kontur"** O. Zayats, M. Korenevskaya, A. Ilyashenko, V. Muliukha Peter the Great St.Petersburg Polytechnic University, Saint Petersburg, Russia Russian State Scientific Center for Robotics and Technical Cybernetics, Saint Petersburg, Russia *vladimir@mail.neva.ru, ilyashenko.alex@gmail.com*
12:15 - 12:30	**ID 58** **Applications of Multi-Height Sensors Data Fusion and Fault-Tolerant Kalman Filter in Integrated Navigation System of UAV** KeKe Geng, N.A. Chulin Bauman Moscow State Technical University, Moscow, Russia *jsgengke@126.com, nchulin@yandex.ru*	**ID 156** **Foreign Language Training of IT-students with the Programme "Translator in the Directions and Specialties of Engineering Faculty"** S.V. Dmitrichenkova, V.A. Chauzova, E.A. Malykh RUDN University, Moscow, Russia *dmitrichenkova_sv@pfur.ru*	**ID 158** **Visual Components of Scientific-Technical Text** S.V. Dmitrichenkova, E.A. Dolzhich RUDN University, Moscow, Russia *dmitrichenkova_sv@pfur.ru*
12:30 - 13:30	**Coffee Brake / Lunch**		
13:30 - 13:45	**ID 132** **Motion Estimation with Fuzzy-logic Classifier Based on Electromyography** A.I. Gavrilov, Soe Soe Thaw Oo Bauman Moscow State Technical University, Moscow, Russia *alexgarilov@mail.ru, dragonz.pro@gmail.com*	**ID 117** **Detecting Near-Duplicates in Russian Documents through Using Fingerprint Algorithm SimHash** N. Rezaeian, G.M. Novikova RUDN University, Moscow, Russia *naeim.rezaeian@hotmail.com, novikova_gm@mail.ru*	**ID 148** **Approach to Spacecraft Functional Stability in Changes in Moments of Inertia** Vuong Anh Trung, Nguyen Van Thinh Vietnam Air defence-Air force Academy, Vietnam
13:45 - 14:00	**ID 135** **Improving the Quality of Bionic Resource Retrieval by Visualizing a Specific Bionic-Oriented Thesaurus** A. Sigov, V. Baranyuk, V. Nechaev, A. Melikhov, O. Smirnova Federal State Budget Education Institution of Higher Education «Moscow Technological University» (MIREA), Moscow, Russia *sigov@mirea.ru, valentina_bar@mail.ru, nechaev@mirea.ru, megadelphin@mail.ru, mail.olga.smirnova@yandex.ru*	**ID 6** **Variational Genetic Algorithm for NP-Hard Scheduling Problem Solution** A.I. Diveev (1,2), O.V. Bobr (1) 1 - RUDN University, Moscow, Russia 2 - Federal Research Center "Computer Science and Control" of Russian Academy of Sciences, Moscow, Russia *olga_bobr@mail.ru, aidiveev@mail.ru*	

14:00 - 14:15	**ID 136** **Approach for Forming the Bionic Ontology** A. Sigov, V. Baranyuk, V. Nechaev, O. Smirnova, A. Melikhov Federal State Budget Education Institution of Higher Education «Moscow Technological University» (MIREA), Moscow, Russia *sigovsigov@mirea.ru, valentina_bar@mail.ru, nechaev@mirea.ru, mail.olga.smirnova@yandex.ru, megadelphin@mail.ru*	**ID 161** **Algorithms for Positioning the Robotic System with High Accuracy in Working Zone** A.A. Vnukov (1), Shabnom Mustary (2) 1 - RUDN University, Moscow, Russia 2 - National research University Higher school of Economics, People's Republic of Bangladesh *shobnom937@yahoo.com, awnkw@mail.ru*	
14:30 - 14:45	**ID 105** **Formation the Collective Opinion as a Set of Intelligent Agents to Achieve the Goal** K.A. Pupkov, F. Ibrahim, A.Y.S. Al-Bareda RUDN University, Moscow, Russia *pupkov@iu1.bmstu.ru, fadi_math@yahoo.com, alibareda@mail.ru*	**ID 94** **An Algorithm for Determining the Navigation Parameters of Auvs Based on the Combination of Measuring Devices** Nguyen Quang Vinh Academy of Military Science and Technology Hanoi, Vietnam *vinhquang2808@yahoo.com*	
14:45 - 15:00	**ID 21** **Domain Theory Verification Using Multi-Agent Systems** G.M. Novikova, E.J. Azofeifa RUDN University, Moscow, Russia *novikova_gm@mail.ru, esteban.azofeifa@gmail.com*	**ID 129** **INS/GPS Integration System Using Street Return Algorithm and Compass Sensor** Nguyen Quang Vinh Academy of Military Science and Technology, Hanoi, Vietnam *vinhquang2808@yahoo.com*	
15:00 - 15:15	**ID 157** **Intelligent Systems: Development and Issues** K.A. Pupkov Bauman Moscow State Technical University, Moscow, Russia RUDN University, Moscow, Russia *pupkov_ka@pfur.ru*		
15:15 - 15:30	**ID 18** **The Modeling Procedure of Illegal Entry** **into the Information System Based on the Logical Function of** **Disseminating Information on the Paths within the System** A.B. Isaev (1,2), A. Alnadfa (1) 1 - RUDN University, Moscow, Russia 2 - Financial University under the Government of the Russian Federation, Moscow, Russia *a.borisovich2010@yandex.ru, antwan.tiger@gmail.com*		