01 October

10:00	**OPENING SESSION**
10:00 — 10:30	**Welcome Speeches**
10:30 — 10:45	**Group Photo**
10:45 — 12:15	**INTRODUCTION TO EURASIAN COLLABORATION**

10:45 — 11:30	**Koch Metchnikov Forum - a German-Russian Non-Government Organization: A Model for Civil-Society Interaction in Politically Dynamical Times**	**HAHN Helmut** Berlin, Germany
11:30 — 12:00	**Collaborative Research in Health and Academic Medicine Across Eurasia: Mandate, Investment and Returns.**	**MAU Jochen** Düsseldorf/Krefeld, Germany
12:00— 13:00	**Lunch Break**	
13:00— 13:45	**Modelling the Neuroendocrine Hypothalamic-Pituitary-Adrenal (HPA) System.**	**KOLAR-ANIĆ Ljiljana** Belgrade, Serbia
13:45— 14:15	**Stability Analysis of the Model of Reaction Systems**	**ČUPIĆ Željko** Belgrade, Serbia
14:15— 14:45	**Biological Oscillators in Reproductive Biology**	**HEDRIH Andjelka** Belgrade, Serbia
	Break	
15:10— 15:40	**Hybrid-integrated Devices as an Efficient Tool of Fighting Antibiotic Resistance Problem**	**ZIMINA Tatiana** St. Petersburg, Russia
15:40— 16:10	**Acousto-fluidic Functional Elements in Implementing Miniature Biomedical Devices**	**LEMOSERSKII Vladimir** St. Petersburg, Russia
16:10— 16:35	**Higuchi Fractional Dimension and Neurophysiological Signal Processing**	**KESIĆ Srdjan** Belgrade,Serbia
16:35— 17:05	**Multi-layer Memristive Devices for Spiking Neural Networks With Unsupervised Learning**	**ANDREEVA Natalia** St. Petersburg, Russia
17:05— 17:25 (Y/T)	**Histological Image Segmentation With a Trainable Active Contour Model**	**KHVOSTIKOV Alexander** Moscow, Russia

02 October

10:00 — 11:30	**Satellite Meeting 1 "Initiative for Higher International Visibility of Russia's Clinical Research in the Russian Federation" Organizer: Jochen Mau**	
10:00 — 11:00	***Predictors of Acute Cerebral Embolic Lesions During Carotid Artery Stenting -*** [1]Tanashyan M.M., [1]MEDVEDEV R.B., [2]Gemdzhian E.G., [1]Skrylev S.I., [1]Krotenkova M.V.	[1]Research Center of Neurology, Moscow, Russia; [2]National Research Center for Hematology, Moscow, Russia
11:00 — 11:30	***Medical applications of 1D model of cerebral haemodynamics -*** SIMAKOV S, Gamilov T.	Mathematical Modeling Laboratory, Sechenov University, Moscow, Russia
11:30 — 12:00	**Brainstem Median Ternary Pattern Analysis in Early Mild Cognitive Impairment Using Radial Basis Function Based Support Vector Machine**	**PALANISAMY Rohini** Chennai, India
12:00— 12:30	**Modeling of the transport function of lymphatic vessels**	**MOZOKHINA Anastasia** Moscow , Russia
12:30— 13:30	**Lunch**	

13:30— 14:00	Validation of Electro-dermal Activity Signals With EEG Responses: Issues and Challenges	SWAMINATHAN Ramakrishnan Chennai, India
14:00— 14:30	Differentiation of Valence Emotional States in Localized EEG Signals Using Motif Patterns	GANAPATHY Nagarajan Chennai, India
14:30— 15:00	Selection of a Minimal Model for Individual Continuous Glucometer Curve	MIKHALSKIY Anatoliy, NOVOSELTSEVA Jhanna Moscow, Russia
	Break	
15:30— 16:00	Biomedical Imaging: The Information Processing Perspective	JIANG Xiao-Yi Munster, Germany
16:00— 16:30	Imaging of Molecular Mechanisms in Living Cells	VUKOJEVIĆ Vladana Solna, Sweden
16:30— 17:00	Chronic Leukemia - New Lessons from the Russian Registry	KULIKOV Sergei M. Moscow, Russia
17:00— 17:20 (Y/T)	Program and Positional Control Strategies for Anti-cancer Therapy	KLIMENKOVA Anna Moscow, Russia

03 October

10:00 — 10:30	The Genetic History and Adaptive Evolution of Tibetan Highlanders	XU Shu-Hua Shanghai, China
10:30 — 11:00	Genetic Aspects of Assortative Marriages	ROZHNOVA Tatyana Moscow, Russia
11:00 — 11:30	Prenatal Diagnosis of Fetal Trisomy From Maternal Plasma	LU Jian-Bo Beijing China
11:30 — 12:00	Accuracy and Effectiveness of Different Methods for Assessing Activity of Transmission Mechanism of Infectious Disease Pathogens	GERASIMOV Andrey Moscow, Russia
12:00— 12:15 (Y/T)	Application of neural networks for analysis of results of hemodynamic modeling.	KOCHETOV Egor, Moscow , Russia
12:15— 12:30 (Y/T)	Research of the template comparison method of body tissue node's diffusion coefficient determination	UVARKIN Ilya., Moscow , Russia
12:30— 13:30	Lunch	
13:30— 14:00	Non-conservativeness of Natural Orbital Systems and Implications to Modeling of Complex Systems Dynamics	NEDIĆ Slobodan Novi Sad, Serbia
14:00— 14:30	Mathematical Modeling of Qualitative Dynamic of Interactions Between Two Actors	KURKINA Elena Moscow , Russia
14:30— 15:00	The Strehler-Mildvan Correlation Explains the Origin of Aging	KHALYAVKIN Alexander Moscow,Russia
	Break	
15:20— 15:50	Autowave model of megapolises development	LEVASHOVA Natalia Moscow , Russia
15:50— 16:20	Modeling of global evolution of world community	KURETOVA Ekaterina Moscow , Russia
16:20— 16:50	Perspectives of Soil Model Development With Genomic Data	VASILYEVA Nadezda Moscow, Russia
16:50— 17:20	Mathematical Axiomatics of Functional Biodynamics, with Growing, Forced Learning, and Aging in Life Cycle	MAU Jochen Dusseldorf-Krefeld, Germany
	Closing	