

The Fourth Workshop on Computer Modelling in Decision Making (CMDM 2019). Agenda

November 14, Thursday

Time	Speaker	Title
X building of SSU, room 503		
09.00–10.15	Registration	
10.15–10.20	Opening ceremony	
10.20–11.50	Plenary session (moderator: Mkhitarian V. S.)	
	Dmitry Pavlyuk	Video prediction tools and their applications for urban traffic forecasting
	Колданов П. А.	Задачи идентификации сетевых структур
11.50–12.10	Break	
12.10–13.30	Session 1 (moderator: Ostrovskaya E. A.)	
	Anna Firsova, Galina Chernyshova	Modeling of Regional Innovation Spillover Effects Based on DEA Malmquist Index
	Olga Balash, Vladimir Balash, Elena Chistopolskaya, Alexey Faizliev	Modeling the spatial effects of the impact of innovation on regional economic growth
13.30–14.30	Lunch break	
X building of SSU, room 503		
14.30–15.30	Session 2 (moderator: Koldanov P. A.)	
	Julia Solovieva, Irina Khominich	The impact of changes in consumer behavior on the development of insurance company risk models
	Ekaterina Orlova	System Approach and Simulation Modeling for Innovative Projects Efficiency
	Zlata Usmanova, Anna Khanova	Risk Management of a Commercial Bank's Project Portfolio through Simulation
15.30–15.45	Break	
15.45–17.00	Session 3 (moderator: Pavlyuk D. V.)	
	Yulia Semernina, Kristina Odinokova, Ekaterina Nesterenko, Eugene Korobov, Alina Usmanova	Modelling of the bond issue parameters for the capital structure optimization

	Kirill Spiridonov	Seasonal adjustment algorithm
	Andrew Vlasov, Alexey Faizliev, Andrew Khomchenko, Sergei Mironov	Genetic Algorithm for Finding the Central Vertices of Graphs
17.00–17.15	Break	
IX building of SSU, room 322		
17.15–19.00	Session 5 (moderator: Pleshakov M. G.)	
	Vladimir Abramov, Ekaterina Liskina, Sergey Mamonov, Stanislav Vidov	The calculation of the sales volumes flow based on the game-theoretic model
	Anna Zhukova, Valeriya Lakshina, Liudmila Leonova	Empirical analysis of investments on the fine art market
	Mariya Karelina, Svetlana Bulycheva	A statistical approach to analyzing business value as part of the implementation of the mergers and acquisitions policy
	Elena Makarova, Anna Firsova	Computer Modeling Algorithm Development of the Innovative Project Effectiveness Evaluation
	Liudmila Bilgaeva, Erzhena Sadykova, Victor Filippov	Neuroevolution forecasting of the living standard population

November 15, Friday

Time	Speaker	Title
X building of SSU, room 503		
10.00–10.40	Plenary session (moderator: Sidorov S. P.)	
	Балаш В. А., Файзлиев А. Р.	Информационная значимость событий, выделяемых на основе анализа графа совместных упоминаний
10.40–11.40	Session 7 (moderator: Balash V. A.)	
	Marina Telezhkina, Andrey Maksimov, Nataliya Maksimova	Students` Wage Expectations. Dynamic Analysis
	Petr Koldanov	Statistics of individual tests for market graph identification in market network
11.40–12.00	Break	

12.00–13.30	Session 8 (moderator: Maksimov A. G.)	
	Ekaterina Orlova	Mechanism and Model for Decision Making in Credit Risk Management
	Alla Yackunina, Yulia Semernina, Elena Ermakova, Sergey Yackunin, Elena Zhegalova, Eugene Korobov	Simulation of the structure of bond issuer's obligations fulfillment: A case of sub-federal bonds
13.30–14.30	Lunch break	
X building of SSU, room 503		
14.30–15.30	Master-class «Generative neural networks and their applications» Speaker – V. Borisov (Grid Dynamics)	
15.30–15.45	Break	
15.45–16.45	Session 9 (moderator: Faizliev A. R.)	
	Stepanov Mikhail, Musatov Vyacheslav, Egorov Igor, Pchelintzeva Svetlana, Stepanov Andrew	On making a decision to correct the learner's behavior based on the signals of their electroencephalograms when organizing interaction with an anthropomorphic teacher-assistant robot
	Tatyana Yakovleva, Ilya Kutepov, Anton Krysko, Nikolay Yakovlev, Antonina Karas, Mikhail Stepanov, Tatyana Yaroshenko, Nikolay Erofeev, Olga Saltykova, Maxim Zhigalov, Irina Papkova, Vadim Krysko	Software and hardware complex of anthropomorphic type robot as an assistant for a teacher. Decision making subsystem using multiscale entropy analysis of EEG signals
	Tatyana Yakovleva, Ilya Kutepov, Anton Krysko, Nikolay Yakovlev, Antonina Karas, Tatyana Yaroshenko, Nikolay Erofeev, Olga Saltykova, Maxim Zhigalov, Irina Papkova, Vadim Krysko, Kirichenko Anastasiya	Wavelet analysis of EEG signals in epilepsy patients
16.45–17.00	Break	
17.00–18.00	Session 10 (moderator: Novikov V. V.)	
	Kirill Shaposhnikov, Irina Sagaeva, Alexey Grigoriev	Random Graph Models and Their Application to Twitter Network Analysis

