June 28, 2023

09:00–10:00	**Registration**			
10:00–10:15	**Welcome address**			
10:15–11:15	**Plenary talk (1)**	David Yeung - "Multi-objective Dynamic Games"		
11:15–11:30	Break			
11:30–12:30	**Plenary talk (2)**	Alexander Tarasyev, Vladimir Ushakov - "Attainability Domains, Optimal Control Strategies and Equilibrium Trajectories in Differential Games"		
12:30–14:00	Lunch			
14:00–16:00	**Parallel sessions (1)**	**Dynamic Games and Applications - 1**	**Game Theory and Management Applications - 1**	**Pursuit-Evasion Games**
14:00–14:30		13 IDP-core Cooperative Solution in Differential Games with Continuous Updating Wang, Petrosian	40 The Game approach to a routing problem Zavalishchin	54 Numerical Contruction of the Information Sets in the Simple Search Game with team of the pursuers for one class of the strategies on the Plane Petrov
14:30–15:00		52 Cooperation in Dynamic Multiagent Systems Pankratova, Petrosyan	51 Optimal use of power storages in the electricity market Vasin, Yang	21 The Game with a Lifeline for Dynamics of Simple Harmonic Motions of Players Azamov, Samatov, Soyibboev
15:00–15:30		36 Sequential equilibria and backward induction Zalyubovsky	80 Symmetric equilibrium arrivals to preemptive queueing system with fixed reward for completing request Chirkova	43 Pursuit with alternative terminations Shevchenko
15:30–16:00		63 Public Good Differential Game with Composite Distribution of Random Time Horizon Balas, Tur	79 Application of modified betweenness centrality to rank the routes in a transportation network Nikitina, Ivashko	11 A pursuit problem in nonlinear differential game with independent dynamics of players Shchelchkov
16:00–16:30	Coffee			
16:30–18:00	**Parallel sessions (2)**	**Dynamic Games and Applications - 2**	**Social Dynamics and Networks**	**Neural Networks and Artificial Intelligence**
16:30–17:00		8 Guaranteed Control Strategies Versus Replicator Dynamics in Bimatrix Games with Average Integral Payoffs Krasovskii, Tarasyev	24 Opinion Dynamics in Two-Layer Networks with Hypocrisy Zhao, Parilina	70 Explainable artificial intelligence under cancer predictions Zhang, Yang
17:00–17:30		58 On the continuous solution of Hamilton-Jacobi equation with exponential dependence on the momentum Shagalova	22 Stability and efficient networks with neighborhood-influenced externalities Sun, Parilina	67 Pursuit and Evasion Strategy of a Differential Game Based on Graph Neural Networks Dan, Chen, Guo, Li
17:30–18:00		85 MPC contollers in epidemic model of heterogeneous spreading viruses Kosyanov, Gubar, Taynitskiy	7 Stackelberg solutions in an opinion dynamics game with stubborn agents Kareeva, Sedakov, Zhen	
18:30–21:30	**Welcome party**			

June 29, 2023

10:00–11:00	**Plenary talk (3)**	Mabel Tidball - "Game Theory. From Theory to Applications"		
11:00–11:15	Break			
11:15–12:45	**Parallel sessions (3)**	**Dynamic Games and Applications - 3**	**Stability of Cooperative Agreements**	**Managerial Decisions in Epidemiology**
11:15–11:45		32 Continuous Bayesian updating for a differential game of pollution control Zhou, Petrosian, Gao	6 Can partial cooperation between developed and developing countries be stable? Su, Parilina	82 A coalitional differential game of vaccine producers Ndiaye
11:45–12:15		35 The Model of Two-level intergroup competition Samoylenko	31 On multi-objective dynamic games with environmentally concerned players Kuzyutin, Smirnova	23 Optimal control in a model of heterogeneous two-virus propagation Liu, Gubar
12:15–12:45		39 Selection of company strategies based on the analysis of the game with a random second player Timofeeva, Khazimullin	20 Cooperation maintenance in dynamic multicriteria games Rettieva	50 The Influence of Public Attitudes to Vaccination on the Dynamics of Influenza Epidemic Kumacheva, Zhitkova, Tomilina
12:45–14:00	Lunch			
14:00–16:00	**Parallel sessions (4)**	**Network Games - 1**	**Game Theory and Management Applications - 2**	**Cooperative Games and Applications**
14:00–14:30		61 Cooperative solutions in differential games on different types of networks Tur, Petrosyan	18 Game-theoretic models of proxy interactions Konyukhovskiy	73 The Social Value Orientation in the Prisoner's Dilemma: Pro-Social or Pro-Self? Xia, Peng, Li
14:30–15:00		77 The simplified method for computing the Shapley Value for the network games with pairwise interactions Bulgakova	10 Dynamic Cournot Oligopoly Models of the State-Universities Interaction Kalachev, Ougolnitsky, Usov	64 The Model of "n-Person Prisoner's Dilemma" on a Hypergraph Grinikh
15:00–15:30		46 Two level Cooperation for a class of differential Network Game with Pairwise Interactions He	28 Coordination of interests within the multi-agent energy system by the methods of cooperative games Aizenberg	56 Generalized nucleolus and Wardrop solution for games with restricted cooperation Naumova
15:30–16:00		48 Graph vertices ranking using absolute potentials of electric circuit nodes Khitraya, Mazalov	9 Game Theoretic Models of Coopetition in Cournot Oligopoly Korolev, Ougolnitsky	12 Un-dominated 2-payoffs of a finite TU-cooperative game Vasilev
16:00–16:30	Coffee			
16:30–18:30	**Parallel sessions (5)**	**Game Theory and Economic Applications**	**Game Theory and Management Applications - 3**	
16:30–17:00		75 Macroeconomic Integration Analysis and Control Based on Leontief Model Wang, Guo	45 Strategies in negotiations with an arbitrator and discounting Yashin	
17:00–17:30		30 Equilibrium in Trade Model under the Monopolistic Competition: Unimodality of Welfare Bykadorov	44 Modifications of Boston, Taiwanese and Chinese mechanisms are not comparable via counting manipulating students Lomakin, Minibaev, Nesterov	
17:30–18:00		71 Analysis of intergenerational income mobility based on evolutionary game Zhang, Cheng, Jie, Zhang, Petrosian	57 Analysis of paired social dilemmas using reinforcement learning Leonidov, Titov, Vasilyeva	
18:00–18:30		42 A Hierarchical Evolutionary Game Model: Economic Growth versus Traps Gubar, Gerschuk, Owen, Sanchez Carrera	34 Dating market, familiarity graphs, and selectivity Nesterov	

June 30, 2023

10:00–11:00	**Tutorial**	Andrey Leonidov - "Noisy Discrete Choice Games of Many Agents" Part I		
11:00–11:15	Break			
11:15–12:15	**Tutorial**	Andrey Leonidov - "Noisy Discrete Choice Games of Many Agents" Part II		
12:15–14:00	Lunch			
14:00–16:00	**Parallel sessions (6)**	**Game Theory and Management Applications - 4**	**Competition, Cooperation and Markets**	
14:00–14:30		27 Generalized integral equations for timing games Lutsenko	84 Cooperative Stock Market Game Zhang	
14:30–15:00		26 Analysis of People's Behavior in Experimental Resource Allocation Games Blokhina, Korgin	76 Nash equilibrium in the competition of Chinese electric vehicle firms: Based on the stock price transmission mode of Copula-CoVaR Zhang, Li, Yu, Cheng, Sun	
15:00–15:30		33 Voting Rules Electing from the Proportional Veto Core Ianovski, Kondratev	62 From non-cooperative games and the generalized Nash Program to markets and strategic market games Levando	
15:30–16:00		17 Optimal Strategy in Gambler's Ruin Problem Mazalov, Ivashko	14 Dynamic Network Game Theoretic Models of Cournot Oligopoly Gorbaneva, Korolev, Mikhalkovich	
16:00–16:30	Coffee			
16:30–18:00	**Parallel sessions (7)**	**Network Games - 2**	**Supply Chain Games**	
16:30–17:00		74 Dynamic fuzzy game with strongly optimistic spanning tree Guo, Wang, Yao	38 Dependent Retailers' Demand in Game Theoretic Model of Supply Chain Kumacheva, Zakharov	
17:00–17:30		66 Time Consistency in Dynamic Cooperative Games with multiple optimal trajectories Qiao, Li, Dan, Zhang, Wu	78 Coordinating Buyback Contract in Supply Chains with Limited Funding Son, Berezinets, Zenkevich	
17:30–18:00		83 Cooperative solutions in multi-star network games Tian	2 Dynamic network model of production and investment Kochevadov, Sedakov	
18:00–18:10	Break			
18:10–18:25	**Closing session**			
19:00–22:00	**Dinner**			