

NET 2024. Conference schedule

Monday, May 20. Room 401, Rodionova street 136

	Speaker	Title
10:00 - 10:45	Panos Pardalos	<i>Opening talk: Introduction to data analytics for networks – a historical perspective and major advances</i>
10:45 - 11:30	Yury Kochetov	<i>Invited talk: Grey Box Approach for Difficult Network Optimization Problems</i>
11:30 - 11:40	Coffee break	
Session: Complex Networks		
11:40 - 12:00	Brian Daniel Bernhardt, Chiara Marciano, Mario Guarracino	<i>Default probability of corporate enterprises: a network approach</i>
12:00 - 12:20	Sergey Sidorov	<i>Modelling the triadic closure mechanism in growth complex networks</i>
12:20 – 12:40	Alexey Grigoriev	<i>The distribution of the average friendship index for nearest neighbors in scale-free networks</i>
12:40 - 13:00	Timofei Emelianov	<i>Modelling the growth and contraction of complex networks using the triad closure</i>
13:00 - 15:00	Lunch	Cafeteria, floor [-1]
Session: Machine Learning		
15:00 - 15:20	Theodore Trafalis	<i>Federated Machine Learning and Weather Applications with Imbalanced Data</i>
15:20 - 15:40	Egor Churaev	<i>Personalized Engagement Detection in Facial Video</i>
15:40 - 16:00	Sanjar Dosov	<i>Automatic compression of Neural Networks</i>
16:00 - 16:10	Coffee break	
Session: Social Network Analysis		
16:10 - 16:30	Darya Maltseva	<i>Collaboration structures in Russian sociological community</i>
16:30 - 16:50	Natalia Matveeva	<i>How to analyze the structure of collaboration? The example of leading young universities</i>
16:50 - 17:10	Daniil Tkachev	<i>Network analysis of France and China Input-Output table</i>
17:10 - 17:30	Irina Pavlova	<i>Exploring International Dimension of Russian Economic Science</i>
17:30 - 17:50	Anna Kartasheva	<i>The Normative Dimension of Networks and Bias Resilience</i>
18:00	Welcome reception	Cafeteria, floor [-1]

NET 2024. Conference schedule

Tuesday, May 21. Room 401, Rodionova street 136

	Speaker	Title
10:00 - 10:45	Elena Konstantinova	<i>Invited talk: Cubic Pancake Networks and Beyond</i>
10:45 - 11:30	Roman Belavkin, Panos Pardalos	<i>Invited talk: Optimization of Large Networks with Information Constraints</i>
11:30 - 11:40	Coffee break	
Session: Optimization and Networks		
11:40 - 12:00	Dmitry Griбанov	<i>Faster ILP algorithms for delta-modular problems of small codimension</i>
12:00 - 12:20	Ilgam Latypov	<i>Balancing Efficiency and Interpretability: A New Approach to Multi-Objective Optimization with High Computation Costs in Lipschitz Functions</i>
12:20 - 12:40	Kirill Kaymakov, Dmitry Malyshev	<i>Efficient algorithm for finding k-th L_1- or L_∞ - distance in a system of plane points</i>
12:40 - 13:00	Evgeny Burashnikov	<i>Advanced Algorithmic Concepts for Knapsack Problem 0-1</i>
13:00-15:00	Lunch	Cafeteria, floor [-1]
Session: Optimization and Uncertainty		
15:00-15:20	Stravos Suravlas, Angelo Sifaleras	<i>On scheduling probabilistic block cyclic redistribution</i>
15:20-15:40	Dmitry Taletskii	<i>New upper bounds for the number of minimum dominating sets in trees</i>
15:40-16:00	Sergei Gladyshev	<i>Optimization models for an identical parallel machine scheduling problem with uncertain job durations to minimize lexicographically makespan and expected maximal overlap</i>
16:00-16:20	Sergey Ketkov	<i>A Study of Distributionally Robust Mixed-Integer Programming with Wasserstein Metric: on the Value of Incomplete Data</i>
16:20-16:40	Petr Koldanov	<i>Comparative analysis of conclusions uncertainty on connections between stocks of stock markets.</i>
16:40 - 17:00	Fuad Aleskerov, Anna Semenova	<i>Network Analysis of International Conflicts</i>