



## **II International Scientific and Practical Conference of Students and Postgraduates**

**Digitalization of economics and finance:  
models, methods and technologies**

**April 23-24, 2025**

**PROGRAM OF THE CONFERENCE**

# THE WORK OF THE SECTIONS

## Section 1 Mathematical modeling and system analysis

**April 23, 2025, 14:00-17:00**

**Link to the connection**

<https://telemost.yandex.ru/j/74747098661332>

### THE JURY

**Kleiner G.B.**, Scientific Director of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Korovin D.I.**, Professor of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **MODERATOR**

**Gumerov M.F.**, Professor of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Drohobytsky I.N.**, Professor of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Kononenko P.G.**, Associate Professor of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Wandykova M.K.**, University Professor, NARKHOZ University, Doctor of Economics, Republic of Kazakhstan.

**Shchepetova S.E.**, Professor of the Department of Modeling and System Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

1. **Milena Andreevna Isaeva, Anna Alekseevna Ispolinova, Varvara Vladislavovna Dmitrieva** Generative AI: new opportunities and threats for the digital economy. Financial University under the Government of the Russian Federation, Moscow, Russia
2. **Shvager Vitaly Alekseevich, Marchenko Vadim Evgenievich** Development of an intellectual service to optimize the production process of Komupak company. Financial University under the Government of the Russian Federation, Moscow, Russia
3. **Sharipov Danila Alekseevich** Methods for predicting EO failures for PPR. Financial University under the Government of the Russian Federation, Moscow, Russia
4. **Dzhamanbaev M. J., Bazarkul K.** The substantiation of an analytical and numerical methodology for solving heat transfer problems in a two-dimensional formulation. Kyrgyz State Technical University named after I. Razzakov, Kyrgyzstan, Bishkek

5. **Koneva Anna Romanovna, Koneva Anastasia Romanovna, Ermolina Elizaveta Konstantinovna** Development of a chatbot for analyzing financial markets and issuing investment recommendations using machine learning and technical analysis methods. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Kharitonov, Denis Aleksandrovich**, Checking the adequacy of the Russian-Chinese trade turnover model using the Salkever method. Financial University under the Government of the Russian Federation, Moscow, Russia
7. **Davlekanova Azaliya Ayratovna, Moldavsky Timur Yurievich** Analysis of the survival rate of Russian forests in fires: assessment of risks and time characteristics. Financial University under the Government of the Russian Federation, Moscow, Russia
8. **Provotorov Nikita Sergeevich** Analytical review of statistical data analysis methods using Python programming language libraries Volgograd State Agrarian University, Volgograd, Russia
9. **Maximov, Mikhail Sergeevich** Principles and methods of developing a service-oriented information system architecture for managing the administrative district of St. Petersburg Peter the Great Polytechnic University, Russia, St. Petersburg
10. **Baymukhambetova Adel Temirkhanovna** Modeling information dissemination in social networks NARKHOZ University, Kazakhstan, Almaty
11. **Karmanov Alexander Arslanovich** Predictive energy management based on mathematical modeling and machine learning methods. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Khuranova Kamilla Mukhamedovna** Analysis of the effectiveness and sustainability of a multi-functional center by simulation modeling methods. Financial University under the Government of the Russian Federation, Moscow, Russia
13. **Tsogoeva Amina Konstantinovna** Analysis and modeling of the regional real estate market. Financial University under the Government of the Russian Federation, Moscow, Russia
14. **Gushan Natalia Yurievna** Spatial monitoring in forest ecosystems. Financial University under the Government of the Russian Federation, Russia, Moscow
15. **Konovchenko Victoria Maksimovna** On the use of artificial intelligence in the educational field. Financial University under the Government of the Russian Federation, Moscow, Russia
16. **Kornev Denis Vadimovich** Using artificial intelligence to minimize the risks of cyber attacks and protect big data. Financial University under the Government of the Russian Federation, Moscow, Russia
17. **Elvin Nazimovich Farajev** Artificial intelligence and mathematical models in investment fund management. Financial University under the Government of the Russian Federation, Moscow, Russia
18. **Naumenko Antonina Anatolyevna** Application of the Traveling Salesman problem to optimize logistics chains. Financial University under the Government of the Russian Federation, Moscow, Russia

## Section 2 Digital mathematics: models, methods and technologies

**April 23, 2025, 14:00-17:00**

**Link to the connection**

<https://telemost.yandex.ru/j/86344020831774>

### THE JURY

**Mikhailova S.S.**, Head of the Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Lukyanov P.B.**, Professor of the Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **MODERATOR**

**Zenko S.I.**, Associate Professor of the Department of Informatics and Methods of Teaching Informatics, Faculty of Physics and Mathematics, Belarusian State Pedagogical University named after M. Tank, (PhD), Republic of Belarus

**Zhailaubayeva Sh.D.** Associate Professor of the Higher School of Business of the State University named after Shakarima, Ph.D. in Economics, Republic of Kazakhstan

**Kazhieva J.H.**, Associate Professor at the Graduate School of Business of the State University named after Shakarima, Ph.D. in Economics, Republic of Kazakhstan

**Kamyshova G. N.**, Associate Professor, Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Ordabayeva M.A.**, Associate Professor of the Department of Economics, Management and Finance of the S. Amanzholov East Kazakhstan University, Republic of Kazakhstan

**Sinchukov A.V.**, Associate Professor, Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Tagaeva S.B.**, Associate Professor, Department of Applied Mathematics and Computer Science, Institute of Information Technology, Kyrgyz State Technical University named after I. Razzakov (Ph.D.), Republic of Kyrgyzstan.

**Threatening V.V.**, Professor of the Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Chernyshenko V.S.**, Associate Professor, Department of Mathematics and Data Analysis, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

1. **Alekseev Oleg Andreevich**, The problems of estimating the beta coefficient and its use in financial modeling. Financial University under the Government of the Russian Federation, Moscow, Russia

2. **Artyom Eminovich Babayan**, Kirill Grigorievich Gololobov, Mikhail Vladimirovich Ulyanov Analysis of the factors of effectiveness of the result of state purchases using the example of procurement activities of the Ministry of Education and Science of the Russian Federation. Financial University under the Government of the Russian Federation, Moscow, Russia
3. **Balashova Maria Dmitrievna** The use of interactive modeling and visualization tools to assess the risks and profitability of a financial asset. Financial University under the Government of the Russian Federation, Moscow, Russia
4. **Konstantin Dmitrievich Belov, Leonid Borisovich Kulygin**, Maria Artemovna Chetyrkina Intelligent assessment of carbon footprint absorption by forest ecosystems based on complex satellite, climatic and soil data. Financial University under the Government of the Russian Federation, Moscow, Russia
5. **Golubkova Darya Dmitrievna, Markusheva Alina Eduardovna** The universal program for implementing T.Saati's hierarchy analysis algorithm in R-Studio for making expert-based decisions is our feasible contribution to the global task of complete IT import substitution. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Enin Kirill Aleksandrovich** Review of algorithms for recognizing musical compositions by excerpts, notes and chords and their applicability to a cappella singing. Financial University under the Government of the Russian Federation, Moscow, Russia
7. **Zhudrik, Mikhail Alexandrovich**, Methods of implementing after-school control in computer science lessons when teaching students modeling in economic tasks. Belarusian State Pedagogical University named after M. Tank, Minsk, Republic of Belarus
8. **Kondratenko Kseniya Alekseevna**, Mikhalchenkova Elena Ivanovna Modern technologies and software solutions for increasing profits. Financial University under the Government of the Russian Federation, Moscow, Russia
9. **Kornilov Konstantin Georgievich, Rozhkova Galina Gennadievna** The role of terrain characteristics in predicting the spread of forest fires using machine learning. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Lunev Daniil Aleksandrovich, Kuleshov Oleg Dmitrievich, Minaev Maxim Evgenievich** Forecasting the company's share prices by methods of technical analysis of financial results using MS Excel tools. Financial University under the Government of the Russian Federation, Moscow, Russia
11. **Mynkina Valeria Pavlovnado** Substantiation and development of requirements for a software system for profit optimization. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Angelina Ovikovna Nanagulyan, Alexander Sergeevich Klindukhov** Digital ruble. Financial University under the Government of the Russian Federation, Moscow, Russia
13. **Perchikov Maxim Alekseevich, Tatarenko Vadim Dmitrievich** The use of satellite data for analyzing the structure of forest cover. Financial University under the Government of the Russian Federation, Moscow, Russia
14. **Revina Kristina Aleksandrovna** Forecasting of macroeconomic indicators using hybrid models based on machine learning and classical analysis methods. Moscow State

University of Technology and Management named after K.G. Razumovsky (First Cossack University), Moscow, Russia

15. **Rubashevsky Miron Dmitrievich, Gusakov Nikita Ivanovich** Digital mathematics: models, methods and technologies. Financial University under the Government of the Russian Federation, Moscow, Russia

16. **Sidelnikova Veronika Dmitrievna, Lukashenko Anastasiia Alexandrovna** Mathematical Models and Digital Technologies in Business Process Optimization. Financial University under the Government of the Russian Federation, Moscow, Russia

17 **Solieva Robiya** Disinflation as a method of combating inflation on the example of Brazil. Financial University under the Government of the Russian Federation, Russia, Moscow

18. **Shigapova Rufina Ilurovna, Gikalo Igor Stanislavovich, Pivovarov Timofey Sergeevich** Masking clouds and their shadows on satellite images. Financial University under the Government of the Russian Federation, Moscow, Russia

19. **Dmitry Vitalievich Shushkevich** Algorithms and tools for configuring and evaluating the effectiveness of neural networks, comparison of software implementations Belarusian State University, Minsk, Republic of Belarus

# Section 3 Information technology and data engineering in the digital economy

Office 1, first day

April 23, 2025, 14:00-18:00

Link to the connection

<https://telemost.yandex.ru/j/85068233638388>

## THE JURY

**D.A. Petrosov**, Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Grineva N.V.**, Associate Professor of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation – **MODERATOR**

**Shatalova A.Y.**, Senior Lecturer at the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Dr.Bhupender Kumar Som**, Director of GIMS, Republic of India

1. **Titova Darya Sergeevna**, Digitalization of financial services as the most important direction of Russia's economic development. Financial University under the Government of the Russian Federation, Moscow, Russia
2. **Anastasia Ivanovna Stenina**, Digital transformation as a factor of socio-economic development of Russian regions (on the example of the Altai Republic). Financial University under the Government of the Russian Federation, Moscow, Russia
3. **Ivanova Darya Sergeevna, Okruzhnova Svetlana Alexandrovna**, Dark Data: how does hidden data affect the economy and can it be curbed? Financial University under the Government of the Russian Federation, Moscow, Russia
4. **Abdukhalygov Joshgun Daglarovich**, Implementation of artificial intelligence (AI) in various sectors of the economy of the Russian Federation within the framework of the Digital Economy of the Russian Federation program. Financial University under the Government of the Russian Federation, Moscow, Russia
5. **Anastasia Kosyakina, Anastasia Andreevna Dvoeglazova, Ekaterina Sergeevna Zhaldak**, On the development of a digital platform for interaction between consumers and suppliers in the agro-industrial sector. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Morozova Irina Sergeevna, Suvorova Arina Alexandrovna**, Identification via NFC: the use of NFC stickers for access to the territory of universities and schools. Financial University under the Government of the Russian Federation, Moscow, Russia
7. **Dzeigova Aza Umarovna, Khallum Karim Fadievich**, The use of big data analytics in personnel management. Financial University under the Government of the Russian Federation, Moscow, Russia

8. **Panasenko Sofia Nikolaevna**, Engineering of a commercial bank based on the development and implementation of a Credit Pipeline. Financial University under the Government of the Russian Federation, Moscow, Russia
9. **Danil Alekseevich Shitov, Tural Dzhekhunovich Musaev**, Development of a digital platform for bill circulation: a technological and legal model. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Rudnitskiy Dmitry Sergeevich, Kulinich Alexander Evgenievich**, The role of banks in the development of Russian financial technologies. Financial University under the Government of the Russian Federation, Moscow, Russia
11. **Priezdeva Polina Olegovna, Setdikova Sofia Konstantinovna**, The introduction of electronic price tags in the Pyaterochka chain store. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Artem Sergeevich Tsygantsov**, The system of advanced economic data. Financial University under the Government of the Russian Federation, Moscow, Russia

**Office 2, first day**

**April 23, 2025,**

**14:00-18:00**

Link to the connection

<https://telemost.yandex.ru/j/86578607479889>

**THE JURY**

**D.A. Petrosov**, Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**CHAIRMAN**

**Kosarev V.E.**, Associate Professor of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation -

**MODERATOR**

**Alunov A.N.**, Associate Professor, Deputy Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Chertkov V.M.**, Associate Professor, Head of the Department of Programming Technologies, Faculty of Information Technology, Euphrosyne Polotsk Polotsk State University, Polotsk, Republic of Belarus

1. **Kornilov Konstantin Georgievich**, Analytical measurement of the digital economy based on official statistics of IT graduates in the Russian Federation. Financial University under the Government of the Russian Federation, Moscow, Russia

2. **Roman Romanovich Panasyan**, Development and application of machine learning algorithms for big data analysis. Financial University under the Government of the Russian Federation, Moscow, Russia
3. **Nikita Andreevich Keromyan**, Review of traditional methods of building session-based recommendation systems. Financial University under the Government of the Russian Federation, Moscow, Russia
4. **Morshinin Daniil Vladislavovich**, Review of big data analysis methods in urban studies. Financial University under the Government of the Russian Federation, Moscow, Russia
5. **Minaeva Anna Alexandrovna**, Justification of the choice of a machine learning model for recognizing human emotions from his speech. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Alfaraj Nur Elhuda Hussein**, Computer network security: the role of machine learning in intrusion detection systems. Financial University under the Government of the Russian Federation, Moscow, Russia
7. **Lysenko Maria Alexandrovna**, Analysis of the initial data for personality assessment. Financial University under the Government of the Russian Federation, Moscow, Russia
8. **Peycheva Ekaterina Andreevna**, INSML: a Russian language for describing the structure of artificial neural networks in an XML-like format. Financial University under the Government of the Russian Federation, Moscow, Russia
9. **Putintseva Anastasia Alexandrovna**, Comparative analysis of modern technologies for automatic text editing. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Alisa Takhirova Gafurova**, On the issue of recognizing free parking spaces in the city. Financial University under the Government of the Russian Federation, Moscow, Russia
11. **Bukareva Anastasia Pavlovna**, Choosing a machine learning model for predicting atmospheric air pollution in Moscow districts. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Antonova Alena Nikolaevna**, Methods of collecting and preparing data for searching places where access to reservoirs is blocked. Financial University under the Government of the Russian Federation, Moscow, Russia
13. **Lavrinovich Andrey Alekseevich**, The choice of signs for classifying users based on activity in social networks. Financial University under the Government of the Russian Federation, Moscow, Russia
14. **Sladkova Marina Kirillovna**, Intelligent algorithms for predicting trends in fashion design based on social media
15. **Sokolova Maria Borisovna**, Comparing the effectiveness of chatbots with traditional websites. Financial University under the Government of the Russian Federation, Moscow, Russia
16. **Lebedev Nikita Germanovich**, The algorithm of the chatbot for searching for goods. Financial University under the Government of the Russian Federation, Moscow, Russia

**17. Starovoitova Ekaterina Sergeevna**, Classification of health applications. Financial University under the Government of the Russian Federation, Moscow, Russia

**Office 1, second day**

**April 24, 2025, 10:00-14:00**

Link to the connection

<https://telemost.yandex.ru/j/85068233638388>

### **THE JURY**

**D.A. Petrosov**, Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Grineva N.V.**, Associate Professor of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation – **MODERATOR**

**Shatalova A.Y.**, Senior Lecturer at the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**1. Eldar Aybekov**, Information services and technologies in job search on the Internet. Kyrgyz State Technical University named after I. Razzakov. Bishkek, Kyrgyzstan

**2. Nikita I. Potapovich**, Data engineering for sustainable development reporting: a regional aspect. Humanitarian and Pedagogical Academy (branch) of the V. I. Vernadsky Crimean Federal University, Yalta, Russia

**3. Burykin Nikita Andreevich**, Customer data storage platform for the digital ecosystem of the bank: technologies and solutions. Financial University under the Government of the Russian Federation, Moscow, Russia

**4. Kudinova Irina I.**, Review of approaches to the definition of a trusted environment. Financial University under the Government of the Russian Federation, Moscow, Russia

**5. Artem Gennadievich Vyrodov**, Big Data analysis to assess the factors affecting transaction fees in digital currencies. Financial University under the Government of the Russian Federation, Moscow, Russia

**6. Vladislav Romanovich Tsygankov**, Automation of the collection process through the introduction of a mobile automated collection system in the largest commercial bank of Russia. Financial University under the Government of the Russian Federation, Moscow, Russia

**7. Sergey Egorov**, The impact of automated testing on the software lifecycle. Financial University under the Government of the Russian Federation, Moscow, Russia

**8. Anton V. Zinyakov**, Analysis and application of the GitOps methodology for the development of an infrastructure version control system. Financial University under the Government of the Russian Federation, Moscow, Russia

9. **Artyom Denisovich Lengauer**, A study of the impact on the performance of the general infrastructure of collecting metrics for detecting anomalies. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Lyutenko Ilya Valerievich**, Corporate search engines: technologies, opportunities and role in the digital economy. Financial University under the Government of the Russian Federation, Moscow, Russia
11. **Felix Sargsyan**, Advantages of monolithic architecture in comparison with microservice architecture in the context of corporate development. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Fedorov, Alexander Konstantinovich**, Integration of 1C software products with external systems: opportunities and solutions. Financial University under the Government of the Russian Federation, Moscow, Russia
13. **Kirill Alekseevich Fomin**, Development of a neural network system in 1C for automatic division of tasks into subtasks with a choice of performers
14. **Biryukov Mikhail Alekseevich, Fomin Kirill Alekseevich**, Computer vision for automating the harvesting of apple crops using a manipulation robot. Financial University under the Government of the Russian Federation, Moscow, Russia
15. **Revutsky Svyatoslav Sergeevich**, Banks and digital giants: how IT giants are changing the landscape of financial services. Financial University under the Government of the Russian Federation, Moscow, Russia
16. **Anastasia Olegovna Anosova**, Improving customer experience in e-commerce markets using machine models. Financial University under the Government of the Russian Federation, Moscow, Russia
17. **Karabanov, Georgiy Sergeevich**, A study of the economic efficiency of the introduction of robots in industries and agriculture. Federal State Budgetary Educational Institution of Higher Education "Russian Biotechnological University (ROSBIOTECH)", Moscow, Russia
18. **Tikhonov Sergey Antonovich**, System analysis, information management and processing, statistics. Plekhanov Russian University of Economics, Moscow, Russia
19. **Nikita Nikitin**, Transformation of traditional business models of Russian enterprises under the influence of digital technologies and innovative marketing solutions. Financial University under the Government of the Russian Federation, Moscow, Russia

**Office 2, the second day.**

**April 24, 2025**

**10:00-14:00**

**Link to the connection**

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**THE JURY**

**D.A. Petrosov**, Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Kosarev V.E.**, Associate Professor of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation -

**MODERATOR**

**Alunov A.N.**, Associate Professor, Deputy Head of the Department of Information Technology, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Chertkov V.M.**, Associate Professor, Head of the Department of Programming Technologies, Faculty of Information Technology, Euphrosyne Polotsk Polotsk State University, Polotsk, Republic of Belarus

1. **Shayykova Leyla Kulakhmetova**, Automation of book trade management on the 1C platform:Company. Kyrgyz State Technical University named after I. Razzakov. Bishkek, Kyrgyzstan
2. **Ashirkulova Tolgonai Biyalievna**, Development of a system for extracting named entities. Kyrgyz State Technical University named after I. Razzakov. Bishkek, Kyrgyzstan
3. **Stanislav Vitalievich Lukashevich, Vladislav Vitalievich Lukashevich**, Methods of implementing the Text-to-Speech system. Euphrosyne Polotsk Polotsk State University, Polotsk, Republic of Belarus
4. **Shabalov Vladislav Leonidovich, Petukhov Timofey Vladimirovich**, Teaching methods using game and interactive elements. Euphrosyne Polotsk Polotsk State University, Polotsk, Belarus
5. **Maxim Mikhailovich Tolstik, Nikita Vladimirovich Leichenko**, Virtual assistant "EVA". Euphrosyne Polotsk Polotsk State University, Polotsk, Republic of Belarus
6. **Ovchinnikov, Vladimir Alexandrovich**, Integrated vehicle Access monitoring and Management System using NFC and on-board diagnostics (OBD). Polotsk State University named after Euphrosyne of Polotsk, Polotsk, Republic of Belarus
7. **Tsybulsky Fyodor Pavlovich**, Digital footprint is an effective tool of digital economy. Euphrosyne Polotsk Polotsk State University, Novopolotsk, Republic of Belarus
8. **Alexander Mikhailovich Solomin**, The Quantum Threat: how quantum computers are changing approaches to cryptographic data protection. Narkhoz University, Almaty, Kazakhstan
9. **Zaitseva Liya Nikolaevna, Smirnova Anastasia Alekseevna**, Cyber security in the digital economy: protection from cyber threats, risk management, security. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Duboshei Yuri Olegovich**, Economic consequences of cyber attacks. Financial University under the Government of the Russian Federation, Moscow, Russia

# Section 4 Artificial intelligence: technological and social issues

## Cabinet 1.

April 23, 2025,

14:00-17:00

Link to the connection

<https://telemost.yandex.ru/j/74432043579951>

## THE JURY

**Koroteev M.V.**, Head of the Department of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - CHAIRMAN

**Kalazhokov Z.H.**, Associate Professor of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - MODERATOR

**Akhmat Abc**, Senior Lecturer at the Department of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Prof. Charul Sharma**, Assistant Professor, International Relations Coordinator, GIMS, India

1. **Tikhoniuk Aleksei Aleksandrovich** Disentangling the AI Maturity and Adoption Virtuous Cycle. HSE University, Russia, Moscow.
2. **Nikita Sergeevich Alenkin**, The use of artificial intelligence and machine learning in music service recommendation systems. Financial University under the Government of the Russian Federation, Moscow, Russia.
3. **Balmochnykh Karen Ruslanovich** Data processing in artificial intelligence tasks. S.Amanzholov East Kazakhstan University, Ust-Kamenogorsk, Kazakhstan.
4. **Vagizova Alfina Aidarovna, Smirnova Kseniya Nikolaevna** "Mediation as a tool for sustainable development in the digital age: business and politics". Financial University under the Government of the Russian Federation, Moscow, Russia.
5. **Alexey Andreevich Vatutin**, Development of digitalization of external state financial control processes. Financial University under the Government of the Russian Federation, Moscow, Russia.
6. **Dudkina Snezhana I.** AI agents of the new generation: architectures, collective intelligence and ways to autonomy. Financial University under the Government of the Russian Federation, Moscow, Russia.
7. **Jumagazy Aisana Bolatbekkyzy** Intelligent financial systems: the future of economic management. Shakarim University of KeAK, Kazakhstan, Semey.

8. **Zagorsky Alexey Andreevich, Losev Yaroslav Andreevich, Sheptykin Sergey Sergeevich** Identification of territories covered with forest using satellite data. Financial University under the Government of the Russian Federation, Moscow, Russia.
9. **Karagulova Altynai Chingizovna** Using machine learning for personalized nutrition recommendations. Kyrgyz State Technical University named after I.Razzakov, Bishkek, Kyrgyzstan.
10. **Kidinova Ekaterina Alekseevna, Odoevskaya Kseniya Olegovna** Improving the relevance and quality of search query results to generative neural networks based on the use of the API "Garant Connect. Financial University under the Government of the Russian Federation, Moscow, Russia.
11. **Lidiya Svyatoslavovna Kotik** Cookify: a mobile application for personalized nutrition based on AI. Financial University under the Government of the Russian Federation, Moscow, Russia.
12. **Lozhkin Nikita Aleksandrovich** The use of artificial intelligence in forecasting financial risks: models and practical cases. Financial University under the Government of the Russian Federation, Moscow, Russia.
13. **Solonchukova Polina Stanislavovna** Development of an intelligent management decision support system based on machine learning methods. Financial University under the Government of the Russian Federation, Moscow, Russia.
14. **Shaibolat Maldir Sayatkyzy** Fact-checking: how artificial intelligence can help distinguish between true and false information. NAO "Shakarim University", Kazakhstan, Semey.
15. **Alyona Ruslanovna Dymova** Analysis of the impact of socio-economic indicators on the quality of life of the population of the North Caucasus Federal District. Financial University under the Government of the Russian Federation, Moscow, Russia.
16. **Vyacheslav A. Volgin**, The use of neural network models and AI in building adaptive personalized learning systems for students of vocational schools. Russian State Social University, Moscow, Russia
17. **Zykova Elizaveta Nikolaevna** Digital tools of generations Z and A: the experience of introducing AI programs into the Russian education system. Financial University under the Government of the Russian Federation, Moscow, Russia.
18. **Konstantin Dmitrievich Belov, Maria Artemovna Chetyrkina** Artificial intelligence in environmental monitoring: multilevel data analysis for assessing carbon uptake by forest ecosystems. Financial University under the Government of the Russian Federation, Moscow, Russia.
19. **Moskalenko Lyubov Valeryevna**. Comparative analysis of machine learning algorithms for incident prediction in DevOps. Financial University under the Government of the Russian Federation, Moscow, Russia.

**Cabinet 2.**

**April 23, 2025,**

**14:00-17:00**

## Link to the connection

<https://telemost.yandex.ru/j/39501407313989>

## THE JURY

**Koroteev M.V.**, Head of the Department of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **CHAIRMAN**

**Makoveychuk K.A.**, Associate Professor of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - **MODERATOR**

**Odintsovo V.A.**, Associate Professor of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Romanova E.V.**, Associate Professor of Artificial Intelligence, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

1. **Hao Xiaoxiao** «Applications of Artificial Intelligence in the Digital Technology Field and Its Impact on Employment and Improvement Methods». Dalian Neusoft University of Information, China, Dalian
2. **Saurabh Awasth** «Partnering with AI to Create Workplace Harmony: New Approaches to Age-Old Problems». PGDM, GNIOT Institute Of Management Studies, India, Greater Noida
3. **Aristarkhova Alexandra Andreevna** "Artificial intelligence in civil engineering: impact on productivity and sustainability". State University of Education, Moscow, Russia.
4. **Asriyants Marina Vardanovna** Rethinking education in the age of AI: technological transformation and challenges for the regions. Financial University under the Government of the Russian Federation, Moscow, Russia.
5. **Bayanduryan Alvina Gurgenovna, Shayakhmetova Angelika Tagirovna, Filimontseva Ekaterina Viktorovna** Artificial intelligence in personnel selection: prospects and risk. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Voronoi Daniil Viktorovich** Artificial intelligence in personnel selection: challenges and reality. Taganrog Institute of Management and Economics, Taganrog, Russia.
7. **Kinas Maria Alexandrovna, Korepanova Marina Igorevna** Research on the use of artificial intelligence in the medical field. Financial University under the Government of the Russian Federation, Moscow, Russia
8. **Konovchenko Victoria Maksimovna** On the use of artificial intelligence in the educational field. Financial University under the Government of the Russian Federation, Moscow, Russia
9. **Kornev Denis Vadimovich** Using artificial intelligence to minimize the risks of cyber attacks and protect big data. Financial University under the Government of the Russian Federation, Moscow, Russia.

10. **Tatiana Sergeevna Ostroverkhova** Advantages and challenges of artificial intelligence in the new economy. Financial University under the Government of the Russian Federation, Moscow, Russia.
11. **Anastasia Alekseevna Berseneva, Maria Viktorovna Prokofieva** Artificial intelligence: technological and social issues. Financial University under the Government of the Russian Federation, Moscow, Russia
12. **Tereshchenko Alyona Igorevna, Lesnikova Evangelina Vladimirovna** Application of modern technologies in the field of healthcare: main trends and development prospects. Financial University under the Government of the Russian Federation, Moscow, Russia
13. **Fomin Maxim Grigorievich, Ivanova Alina Olegovna** AI against financial fraud: technological solutions and privacy challenges. Financial University under the Government of the Russian Federation, Moscow, Russia
14. **Shamurzayeva Sabina Kazbekovna** Analysis of the effectiveness of using machine learning methods for predicting cardiovascular diseases. Financial University under the Government of the Russian Federation, Moscow, Russia
15. **Menshikov Ilya Vladimirovich** The use of knowledge graphs to improve the generation of answers. Financial University under the Government of the Russian Federation, Moscow, Russia
16. **Razumovsky Boris Nikolaevich** Lora: the magic of effortlessly fine-tuning LLM. Financial University under the Government of the Russian Federation, Moscow, Russia
17. **Borodina Anastasia Dmitrievna, Nguyen Van Loi Ban** Recognition of Orkhon-Yenisei runic inscriptions by machine learning methods. Financial University under the Government of the Russian Federation, Moscow, Russia
18. **Vadim E. Marchenko**, Virtual Assistant FinGPT: integration of retrieval Augmented Generation to reduce hallucinations of large language models. Financial University under the Government of the Russian Federation, Moscow, Russia
19. **Kirill Nikitich Kononov**, City of LLM: Russian-language multi-agent simulations for the analysis of social processes. Financial University under the Government of the Russian Federation, Moscow, Russia

# Section 5 Business Informatics: IT-based management of large systems

**April 23, 2025**

**14:00-17:00**

**Link to the connection**

<https://telemost.yandex.ru/j/80789689565051>

**THE JURY**

**Vasilyeva E.V.**, Head of the Department of Business Informatics, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation - CHAIRMAN

**Mirzoyan M.V.**, Senior Lecturer at the Department of Business Informatics, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation, Financial University, Russian Federation - MODERATOR

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**Malinina E.A.**, Associate Professor of the Department of Business Informatics, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Neizvestnyj S.I.**, Professor of the Department of Business Informatics, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Slavin B.B.**, Professor of the Department of Business Informatics, Faculty of Information Technology and Big Data Analysis, Financial University, Russian Federation

**Hashimkhodjaev S.I.**, Associate Professor of the Department of Information Systems and Technologies, Tashkent State University of Economics, Republic of Uzbekistan

1. **Aliiev Muslim Adamovich** Gamification as a tool to increase motivation to maintain a diet: methods and technologies in mobile applications. Financial University under the Government of the Russian Federation, Moscow, Russia
2. **Dilara Arhatovna Amangeldyeva** Digitalization of the educational process: how IT systems improve university education. Shakarim University, Kazakhstan, Semey
3. **Baidakova Maria Alekseevna, Fenin Egor Alekseevich** Business administration as a large system in the context of digital transformation: the problem of integrating IT specialists. Financial University under the Government of the Russian Federation, Moscow, Russia
4. **Berezin Artem Sergeevich** Analysis of the features of machine learning integration methods in decision support systems in the real estate market. Financial University under the Government of the Russian Federation, Moscow, Russia

5. **Biktasheva Dilara Ayratovna, Liu Xinyue** Combined Big Data and AI Analysis in Financial Research. Financial University under the Government of the Russian Federation, Moscow, Russia
6. **Bobrova Maria Antonovna** Improvement of technical support service processes based on BI-systems. Financial University under the Government of the Russian Federation, Moscow, Russia
7. **Ilya Igorevich Bortkov** Development of management accounting in a construction company based on IT tools for financial control and analytics. Financial University under the Government of the Russian Federation, Moscow, Russia
8. **Bugaenko Valery Andreevich** Methods of multi-criteria evaluation of alternatives when using the Internet of Things. Plekhanov Russian University of Economics, Moscow, Russia
9. **Dzhigkaev Alan Timurovich, Lozhkin Nikita Aleksandrovich** Intelligent management of complex information systems for business: technologies and challenges. Financial University under the Government of the Russian Federation, Moscow, Russia
10. **Zheniskyzy Gulim** Architecture of corporate information systems: approaches and trends. Shakarim University, Kazakhstan, Semey
11. **Kovalevskaya Yulia Aleksandrovna** Neural networks in the formation of an idea and the implementation of a business project. Saint Petersburg Branch of the Financial University under the Government of the Russian Federation, Saint Petersburg, Russia
12. **Mikhailova Sofya Arkadyevna** Management of macroeconomic policy based on digital economic twins. Moscow State University School of Economics, Moscow, Russia
13. **Orazova Dildana Ermekovna, Sydykova Aruzhan Amangeldyovna** Digital Bridges: Connecting Business Needs with Technology. Shakarim University, Kazakhstan, Semey
14. **Petrishcheva Elena Vladimirovna** Automation of processes in the department of foreign economic activity of a manufacturing company. Financial University under the Government of the Russian Federation, Moscow, Russia
15. **Petrova Veronika Vadimovna** Performance marketing for a startup: analysis of the effectiveness of customer acquisition channels. Saint Petersburg Branch of the Financial University under the Government of the Russian Federation, Saint Petersburg, Russia
16. **Petrosyan Artem Araratovich, Koneva Victoria Viktorovna, Dedikova Ekaterina Romanovna** Application of digital interfaces for environmental monitoring: analysis and prospects. Financial University under the Government of the Russian Federation, Moscow, Russia
17. **Semenikhin Vladimir Viktorovich, Krupnov Yuri Alexandrovich** Electronic educational environment as an element of digitalization of corporate training of management personnel of a trade organization. State University of Education, Moscow, Russia
18. **Shakhray Matvey Sergeevich** Management of large systems based on IT risks. Financial University under the Government of the Russian Federation, Moscow, Russia

**CLOSING OF THE CONFERENCE**

**(summing up the results)**

**For the members of the Jury and the Organizing Committee**

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**April 24, 2024**

**at 2:30 p.m.**