

Preface II International Scientific and Practical Conference "Information Technologies and Intelligent Decision Making Systems"

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Keywords: Information Technologies, Conference, Participant of the conference, Discussion.

Abstract: Within the framework of the presented material, the results of the conducted II International scientific and practical conference "Information technologies and intelligent decision making systems" (ITIDMS-II-2021).

1 PREFACE

We are pleased to present a collection of materials II International scientific and practical conference "Information technologies and intelligent decision making systems" (ITIDMS-II-2021), which took place on July 1, 2021 in Russian New University, Moscow, Russian Federation and was dedicated to information technology in industrial activities (Due to restrictive measures on the territory of the Russian Federation in connection with COVID-19, the meeting took place virtual) (Lutoshkin, R.V., et al. 2020.; Gibadullin Arthur, et al. 2021.).

The conference was held on the Zoom platform, which allowed all participants to present their materials from anywhere in the world.

The conference was held with the aim of summarizing international experience in the use of information technologies in industrial, technical, technological and production processes, as well as issues of using information technologies in physical, technical and engineering.

The main directions of the conference:

- Information systems foundations, system administration;
- Computer modelling, neural network software, data processing and information systems;
- Computational intelligence and data mining;
- Development of mathematical and software for modelling non-linear, non-stationary and non-uniform processes;
- Intelligent, digital and automated systems and technologies;
- Machine learning;
- Predictive modelling;

- Automation of technological and production processes;
- Methods for modelling complex systems, applications in physics, chemistry, engineering, biology, medicine and industrial organization;
- Cybernetics and organization of the production process (Kryukovsky Andrew, Gibadullin Arthur. 2021; Gibadullin Arthur. 2021.).

The conference was held on July 1, 2021, 40 participants took part in the conference, heard and discussed the presented reports.

Within the framework of the conference, reports were heard on information technologies in production and industry; automation of the production process; digitalization and intellectualization of technological processes; computer modeling; databases; machine learning and cybernetics in production processes; as well as issues on the implementation of information technologies in physical, technical and engineering. The moderators by Bovtrikova Elena Vladislavovna - Candidate of Technical Sciences, Russian New University, Moscow, Russian Federation; Gibadullin Arthur Arthurovich - Candidate of Sciences, State University of Management, Moscow, Russian Federation; Morkovkin Dmitry Evgenievich - Candidate of Sciences, Financial University under the Government of the Russian Federation, Moscow, Russian Federation.

Representatives of the Russian Federation, the Republic of Uzbekistan, the Republic of Tajikistan and the Kyrgyz Republic attended the conference. The collection includes materials presented by

scientists from various research and educational institutions, industrial enterprises, as well as representatives of government agencies.

This collection includes only selected articles, representatives of the following universities and organizations:

- Institute of tourism, entrepreneurship and service, Dushanbe, Tajikistan;
- Lomonosov Moscow State University, Moscow, Russian Federation;
- Moscow Polytechnic University, Moscow, Russian Federation;
- Baltic Federal University I. Kant, Kaliningrad, Russian Federation;
- Kaliningrad state technical university, Kaliningrad, Russian Federation;
- Hermes LLC, Kaliningrad, Russian Federation;
- Samara State Agrarian University, Kinel, Russia;
- Financial University under the Government of the Russian Federation, Moscow, Russian Federation;
- Russian State Agrarian University, Moscow, Russian Federation.

The organizing committee decided not to postpone the conference, as COVID-19 is getting stronger, and therefore the conference was held virtually at the set time.

Within the framework of the conference, the participants discussed the conditions for the functioning of information technologies in changing conditions, as well as their application to the production process, technical and technological development, ensuring the operation of large industrial complexes and in other areas of activity. Thus, the conference made it possible to exchange scientific knowledge in the field of information technology development in industrial industries.

2 PROGRAM COMMITTEE ITIDMS-II-2021

1. Gulyaev Yuri Vasilievich - Academician of the Russian Academy of Sciences, Doctor of Physics and Mathematics, Scientific Director of the Institute of Radio-engineering and Electronics RAS, Moscow, Russian Federation - Chairman of the International Program Committee;
2. Zernov Vladimir Alekseevich - Doctor of Technical Sciences, Professor, Rector of the Russian

New University, Moscow, Russian Federation – Co-Chairman of the International Program Committee;

3. Bugaev Alexander Stepanovich - Academician of the Russian Academy of Sciences, Doctor of Physics and Mathematics, RAS, Professor, Head of the Department of the Institute of Radio-engineering and Electronics RAS, Moscow, Russian Federation;
4. Nikitov Sergey Apollonovich - Corresponding Member of the Russian Academy of Sciences, Doctor of Physics and Mathematics, RAS, Director of the Institute of Radio-engineering and Electronics RAS, Moscow, Russian Federation;
5. Kryukovsky Andrew Sergeevich - Doctor of Physical and Mathematical Sciences, Professor, Scientific Director of the Institute of Information Systems and Engineering and Computer Technologies, Russian New University, Moscow, Russian Federation;
6. Palkin Evgeny Alekseevich - PhD in Physical and Mathematical Sciences, Professor, Vice-Rector for Scientific Work of the Russian New University, Moscow, Russian Federation;
7. Khayrzoda Shukrullo Kurbanali - Candidate of Sciences, Associate Professor, Rector of the Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan;
8. Kurbonzoda Mahmatali Rahmat - Candidate of Sciences, Associate Professor, Rector of the Tajik State University of Commerce, Dushanbe, The Republic of Tajikistan;
9. Pritish Kumar Varadwaj – doctor, Associate Professor, Indian Institute of Information Technology, Allahabad and Laboratories Systems Biology Laboratory, India;
10. Britvina Valentina Valentinovna - Candidate of Education, Moscow Polytech University; MSTU STANKIN, Moscow, Russian Federation;
11. Seyed Komail Tayebi – Professor, President Consultant in International Affairs, Director, International Scientific Cooperation Office (ISCO) University of Isfahan, Iran;
12. Dongxiao (Mike) Gu - Ph.D., Associate Professor of MIS School of Management at Hefei University of Technology, China;
13. Shmanev Sergey Vladimirovich - Doctor of Economics, Candidate of Chemistry, Professor, Financial University under the Government of the Russian Federation; Corresponding Member of the Russian Academy of Natural Sciences, Moscow, Russian Federation; Full Member of the European Academy of Natural Sciences, Hannover, Germany;
14. Choporov Oleg Nikolaevich - Doctor of Technical Sciences, Professor, Voronezh State

- Technical University, Voronezh, Russian Federation;
15. Gibadullin Arthur Arthurovich – PhD in Economics, State University of Management, Moscow, Russian Federation;
 16. Zolotarev Oleg Vasilievich - PhD in Technical Sciences, Russian New University, Moscow, Russian Federation;
 17. Koryachko Marina Valerevna - PhD in Physics and Mathematics, Associate Professor, Moscow Polytechnic University, Moscow, Russian Federation;
 18. Labunets Leonid Vitalievich - Doctor of Technical Sciences, Senior Researcher, New Russian University, Moscow, Russian Federation;
 19. Lukin Dmitry Sergeevich - Doctor of Physical and Mathematical Sciences, Russian New University, Moscow, Russian Federation;
 20. Morkovkin Dmitry Evgenievich - PhD in Sciences, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;
 21. Kharitonova Nataliya Anatolyevna - Doctor of Economics, Professor, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;
 22. Nosov Vladimir Vladimirovich - Doctor of Sciences, Professor, K.G. Razumovsky Moscow State University of technologies and management, Moscow, Russian Federation;
 23. Sadridinov Manuchehr Islomiddinovich - PhD in Sciences, Associate Professor, Tajik State University of Finance and Economics, Dushanbe, Republic of Tajikistan;
 24. Pulyaeva Valentina Nikolaevna - PhD in Sciences, Director of the International Center for the Development of Innovations and Student Initiatives, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;
 25. Minaev Vladimir Alexandrovich - Doctor of Technical Sciences, Professor, Bauman Moscow State Technical University, Moscow, Russian Federation;
 26. Safiullin Ravil Nurulloevich - Doctor of Technical Sciences, Professor, St. Petersburg Mining University, St Petersburg, Russia;
 27. Rastyagaev Dmitry Vladimirovich - PhD in Physics and Mathematics, Russian New University, Moscow, Russian Federation;
 28. Romanova Julia Aleksandrovna - Doctor of Sciences, Professor, Moscow state University of technology and management K.G. Razumovsky (PKU); Market Economy Institute Russian Academy of Sciences, Moscow, Russian Federation.
 29. Bovtrikova Elena Vladislavovna - Candidate of Technical Sciences, Russian New University, Moscow, Russian Federation;
 30. Zhichkin Kirill Alexandrovich - Candidate of Sciences, Associate Professor, Samara State Agrarian University, Kinel, Russia;
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 33. Kodirov Firuz Abdulkhafizovich - Candidate of Sciences, Associate Professor, Vice-Rector for International Relation of the Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan;
 34. Dvoryankin, Sergey Vladimirovich - Doctor of Technical Sciences, Professor, Bauman Moscow State Technical University, Moscow, Russian Federation;
 35. Konyukhova Galina Pavlovna - Candidate of Pedagogical Sciences, MSTU STANKIN, Moscow, Russian Federation;
 36. Gladyshev Anatoly Ivanovich - Doctor of Technical Sciences, Associate Professor, Russian New University, Moscow, Russian Federation;
 37. Oleinikov Alexander Yakovlevich - Doctor of Technical Sciences, Professor, Institute of Radio-engineering and Electronics RAS, Moscow, Russian Federation;
 38. Polevoy Sergey Anatolyevich - Doctor of Technical Sciences, Professor, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;
 39. Zueva Anna Sergeyevna - Candidate of Sciences, Associate Professor, Moscow State University named after M.V. Lomonosov; Financial University under the Government of the Russian Federation; Institute of Legislation and Comparative Law under the Government of the Russian Federation, Moscow, Russian Federation;
 40. Agapov Yuri Petrovich - Head of the Department for the Development of Scientific and Innovative Activities of the Russian New University, Moscow, Russian Federation.
 41. Guskov Boris Leonidovich - Head of the Department of Informatization of the Russian New University, Moscow, Russian Federation;
 42. Matyunina Olga Evgenievna - Candidate of Technical Sciences, Russian New University, Moscow, Russian Federation;

43. Mikhaleva Elizaveta Vyacheslavovna - Deputy Executive Director of the Institute of Information Systems and Engineering and Computer Technologies of the Russian New University, Moscow, Russian Federation.

- **Contact person for queries:** Gibadullin Arthur - Candidate of Sciences, State University of Management, Moscow, Russian Federation - Organizing Committee Chairman (itidms2021@mail.ru)

3 PEER REVIEW DECLARATION

- **Type of peer review:** Double-blind;
- **Describe criteria used by Reviewers when accepting/declining papers. Was there the opportunity to resubmit articles after revisions?**

All submitted articles underwent double anonymous review. The reviewers were based on the assessment of the topic of the submitted materials, the relevance of the study, the scientific significance and novelty, the quality of the materials, and the originality of the work.

Authors could revise the article and submit it again for review. Reviewers, program committee members and organizing committee members did not enter into discussions with the authors of the articles.

- **Conference submission management system:**

1. Sending materials to the organizers of the conference (itidms2021@mail.ru, managed by Gibadullin Arthur);
2. Verification of compliance with the subject of the conference;
3. Checking materials for plagiarism using two systems;
4. Submitting for double blind review;
5. Checking the quality of translation of the article into English;
6. Checking for the correct design of materials;
7. Submission of materials to the Publisher.

- **Number of submissions received:** 9
- **Number of submissions sent for review:** 9
- **Number of submissions accepted:** 4
- **Acceptance Rate (Number of Submissions Accepted / Number of Submissions Received X 100):** 44,5%
- **Average number of reviews per paper:** 2
- **Total number of reviewers involved:** 24
- **Any additional info on review process:** To be accepted for publication, the material must have the following requirements: compliance with the conference theme; a high level of originality of the text (at least 80%); positive expertise of reviewers; good level of English and well-formed material.

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