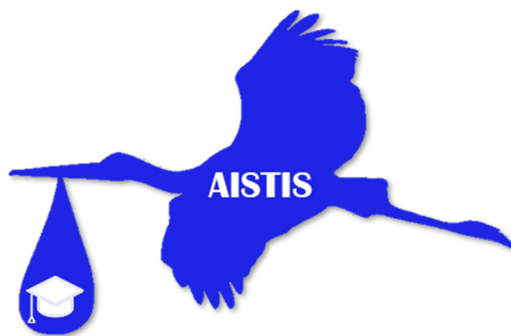


MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
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Institute of Problems of Mathematical Machines and Systems
National Academy of Sciences of Ukraine
Institute of Software Systems of the National Academy of Sciences of Ukraine



"APPLIED INFORMATION SYSTEMS AND TECHNOLOGIES IN THE INFORMATION SOCIETY"

PROGRAM
VII International Scientific and Practical Conference
September 29, 2023



Kyiv

September 29, 2023

Moderators:

Valentyna Pleskach, doctor of economics, professor, head of the Department of Applied Information Systems, Faculty of Information Technologies, Taras Shevchenko Kyiv National University.

Saiko Volodymyr, doctor of technical sciences, professor, professor of the Department of Applied Information Systems, Faculty of Information Technologies, Taras Shevchenko Kyiv National University.

Zosimov Vyacheslav, Doctor of Technical Sciences, Associate Professor, Professor of the Department of Applied Information Systems, Faculty of Information Technologies, Taras Shevchenko Kyiv National University

9.30 - 10.00	registration of Conference participants
10.00 - 10.05	Welcome speech Snytiuk Vitaliy , Doctor of Technical Sciences, Professor, Dean of the Faculty of Information Technologies of Taras Shevchenko Kyiv National University
10.05 - 10.10	Welcome speech Sinitsyn Ihor , Doctor of Technical Sciences, Director of the Institute of Software Systems of the National Academy of Sciences of Ukraine
10.10 - 10.15	Welcome speech Aliyev Alikper , doctor of technical sciences, professor, head of the department of information technologies and programming of Baku State University, honored teacher of the republic
10.15 - 10.20	Welcome speech Zatonatska Tetiana , Doctor of Economic Sciences, Professor, Professor of the Department of Economic Cybernetics, Faculty of Economics, Taras Shevchenko Kyiv National University
10.20 - 10.35	Kosyk Viktoriya , project manager digitalization manager of the reform support team of the Ministry of Education and Science of Ukraine Interactive appendix to textbooks: a requirement of the Law of Ukraine "About Education" or a necessity
10.35 - 10.50	Semenchenko Andriy , Doctor of Science in Public Administration, Professor, Member of the National Commission on State Regulation in the Fields of Electronic Communications, Radio Frequency Spectrum and the Provision of Postal Services European Digital Economy and Society Development Index in DESI : prospects of implementation in Ukraine
10.50 - 11.05	Kustov Oleg , IT company ERAM Modern trends in software development
11.05 - 11.20	Purskyi Oleg , Doctor of Physical and Mathematical Sciences, Professor, Head of the Department of Computer Sciences of the Kyiv National University of Trade and Economics Recommendation web system of site information content for optimal display in search engines

11.20 - 11.35	Gandzeichuk Ilya , technical director IT company Softengi How AI Can Transform The Software Engineering Process
11.35 - 11.50	Ivokhin Evgeny , Doctor of Technical Sciences, Professor of the Department of System Analysis and Decision Making Theory, Faculty of Computer Sciences and Cybernetics, Taras Shevchenko Kyiv National University About one algorithm for solving the traveling salesman problem based on the data flow optimization method
11.50 - 12.05	Vyshnevskiy Vitaly , candidate of technical sciences, leading researcher of the Department of Visual Information Processing and Display of the Institute of Problems of Mathematical Machines and Systems of the National Academy of Sciences of Ukraine, full member of the Academy of Technological Sciences of Ukraine Architecture of information technology for control of metronomic breathing "Harmony"
12.05 - 12.20	Stepashko Volodymyr , doctor of technical sciences, professor, head of the department of information technologies of inductive modeling of the International Scientific and Educational Center of Information Technologies and Systems of the National Academy of Sciences of Ukraine and the Ministry of Education and Science of Ukraine Inductive modeling in the context of computational intelligence
12.20 - 12.35	Zhadko Kostyantyn , doctor of economic sciences, professor, head of the department of entrepreneurship and enterprise economics of the University of Customs and Finance, Dnipro Investments and capitalization in the IT sphere
12.35 - 12.50	Yermak Viktor , director IT company Skyplyph Using remote sensing and deep learning to select effective plant protection technology
12.50 – 13.00	Zakutynsky Ihor , recipient of the scientific degree of Doctor of Philosophy (Ph.D.) of the National Aviation University An Internet of Things system for monitoring and managing public transport
13.00 - 13.15	Hnatiuk Serhiy , Doctor of Technical Sciences, Professor, Dean of the Faculty of Computer Sciences and Technologies of the National Aviation University Okhrimenko Tetyana , candidate of technical sciences, associate professor, deputy dean for scientific work of the Faculty of Computer Sciences and Technologies of the National Aviation University Tasks and functions of the Innovation and Competence Center " KyberDiya "
13.15 - 13.45	Savchenko-Sinyakova Yevgenia , candidate of technical sciences, senior researcher Stepashko Volodymyr Semenovych

	<p>, head of the department of information technologies of inductive modeling of the International scientific and educational center of information technologies and systems of the National Academy of Sciences of Ukraine and the Ministry of Education and Science of Ukraine ,</p> <p>Moroz Olha, candidate of Technical Sciences, senior researcher of the International Scientific and Educational Center of Information Technologies and Systems of the National Academy of Sciences of Ukraine and the Ministry of Education and Science of Ukraine</p> <p>Comparative modeling of the dependence of the cooling temperature of a metal casting on the operating modes of the foundry</p> <p>Savchenko M., graduate student, Sinytsia K., deputy director , Savchenko-Synyakova Evgenia, senior researcher of the International Scientific and Educational Center of Information Technologies and Systems of the National Academy of Sciences of Ukraine and the Ministry of Education and Science of Ukraine</p> <p>Methodology of preparation of didactic recommendations for the case of updating knowledge</p>
13.45 - 14.00	<p>Ivanytskyi Maksym, recipient of the scientific degree of Doctor of Philosophy (Ph.D.) of the State Scientific and Educational Institution</p> <p>"Academy of Financial Management"</p> <p>Digitization of the energy services market in the context of European integration processes</p>
14.00 - 14.15	<p>Krasnoshchok Viktor, Candidate of Technical Sciences, Associate Professor of the Department of Applied Information Systems, Faculty of Information Technologies, Taras Shevchenko Kyiv National University</p> <p>Design technologies of data warehouses in business</p>
14.15 - 14.30	<p>Israfilova Elmira, Candidate of Technical Sciences, Associate Professor, Department of Information Technologies, Mingachevir State University</p> <p>Heydarova Aida , Master's student, Department of Information Technologies, Mingachevir State University</p> <p>Digital transformation of parking</p>
14.30 - 14.45	<p>Buchykh Serhii, Doctor of Technical Sciences, professor, professor of the Department of Cyber Security and Information Protection, Faculty of Information Technologies, Taras Shevchenko Kyiv National University</p> <p>Shmatko Viktoriya, Master of Cyber Security and Information Protection Department</p> <p>Challenges and prospects of using machine learning in</p>

	preventing domain attacks
14.45 - 15.00	<p>Ramin Samadov Bakhtiyar, Candidate of Technical Sciences, Associate Professor</p> <p>Bagirova Sevinj Alakbar, Candidate of Technical Sciences, Associate Professor, Department of Information Technologies and Programming of Baku State University</p> <p>Creating new solutions and services for ATM</p>
15.00 - 15.15	<p>Hasanova Nazli, Candidate of Technical Sciences, Associate Professor, Department of Informatics, Baku State University</p> <p>Grid technologies in distributed systems</p>
15.15 - 15.30	<p>Baydur Alexei, PhD student , National University of Bioresources and Nature Management of Ukraine , an officer of the Armed Forces of Ukraine</p> <p>Prerequisites for creating a model of cyber defense of the armed forces of Ukraine</p>
15.30 - 15.40	<p><i>Closing Word</i> Valentyna Pleskach, Doctor of Economics, Professor, Head of the Department of Applied Information Systems, Faculty of Information Technologies, Taras Shevchenko Kyiv National University</p>