



















### **PROGRAM**

of the International scientific conference

## INFORMATION TECHNOLOGIES AND MANAGEMENT IN HIGHER EDUCATION AND SCIENCES

Fergana, the Republic of Uzbekistan November 28, 2022

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# **Plenary session reports**

	Member information	Topic
1.	Dehtjare Jevgenija – Dr.oec., Asoc.professor, Vice–Rector for Academic Affairs in ISMA University of Applied Sciences	<b>Education</b> of the XXI
2.	Abou Younes Roland – Engineering manager Toptal core team	Remote work management – keeping the flow
3.	Butaboev Makhammajon Tuychievich – D.Sc., professor, Fergana Politachnical institute, Fergana, Uzbekistan	Efficient use of human capital in digitalization
4.	Debych Mariia Andriivna — Dr. Sc., Senior Researcher, Assoc. Prof., Head of the Department of Quality Assurance in Higher Education, Institute of Higher Education of the NAES of Ukraine	and disadvantages
5.	Dzhala Roman Mykhailovych, Doctor of Engineering, Head of the Laboratory of electrophysical methods of non- destructive testing Karpenko Physico-Mechanical Institute of the National Academy of Scienses of Ukraine Verbenets' Bohdan Yaroslavovych - Candidate of	non-contact inspections of underground pipelines

	technical sciences; <b>Rohiv Nazar Vasylovych</b> –  Postgraduate	
6.	Zabolotnyi Volodymyr – Doctor of Pedagogical Science, Professor, Head of the Department of Physics and Methods of Teaching Physics, Astronomy, Vinnytsia State Pedagogical University named after Mykhailo Kotsiubynsky. Myslitska N. A. – Doctor of Pedagogical Science, Professor, Head of the Department of Science, Natural Sciences and Mathematics, Communal Institution of Higher Education "Vinnytsia Humanitarian and Pedagogical College" Vinnytsia, Ukraine	organization of educational process of future teachers in the conditions of distance
7.	Kryvoruchko Larysa S. – Doctor of Law, chief, Law Company "Kryvoruchko"	<u>-</u>
8.	Maksymenko Yuriy Borisovich – Doctor of	Features of the safe use of
	Psychological Sciences, professor, Professor of General and Differential Psychology, Southern Ukrainian National Pedagogical University K. D. Ushinsky  Matokhniuk Liudmyla  Aleksandrovna – Doctor of	0 /

Psychologica	ıl	Sciences,
Professor,		
Head of the	ne Depa	ertment of
Psychology,	Public	e higher
educational	establish	ment «The
academy	of	continuing
education»		
Vinnytsia, U	kraine	

9. **Parusov** Volodimirovich – Doctor of for manufacturing products Engineering, Senior Researcher Head of the Department of Heat Treatment Metal of Mechanical Engineering Iron and Steel Institute of Z. I. Nekrasov NAS of Ukraine Dnipro, Ukraine

#### Gubenko Svitlana Ivanivna

Engineering, Doctor of Professor. Professor at the Department of Materials Science and Materials **Processing** Prydniprovska State Academy of Civil Engineering and Architecture Senior Researcher the at Department of Heat Treatment Metal for Mechanical Engineering Iron and Steel Institute of Z. I. Nekrasov NAS of Ukraine

### Prykhodko Ihor Yurijovych

Dnipro, Ukraine

Doctor of Engineering, Senior Researcher

**Eduard | Construction of technologies** critical products using computer simulation

10.	Doctor of Pedagogic Sciences, associate professor, Professor of Ukrainian Studies, Culture and Documentation Department	technologies in the training of future specialists in the document and information
	National University «Yuri Kondratyuk Poltava Polytechnic»	
11.	Shunevych Bohdan Ivanovych  — Doctor of Pedagogics, Professor of the Department of Foreign Languages at Lviv National Environmental University Rak Nataliia Volodymyrivna — Candidate of Pedagogical Sciences, Associate Professor of the Department of Foreign Languages at Lviv Polytechnic University	educational materials for students of Ukrainian higher schools
12.	Ismoilova Sanobar – PhD, specialist of the Department of Science	
13.	Nataliya Kuznetsova – PhD in economics, Associate Professor, Cherkasy State Business College	

Yusupova Anora Karimovna – Physical Candidate of and Mathematical Sciences, dotsent Ismailov M.X. – Uzbekistan, Senior Lecturer at the Department of Mathematical Analysis and Differential Equations of Ferghana State University

Features of teaching a linear– fractional function and graphs of these functions

Yusupova, Anora Karimovna – Associate using Professor of the Department of Mathematics of Ferghana State University, Candidate of Physical and Mathematical Sciences, dotsent

**Qurbonov** – В. 2nd year Masters of the student Department of **Mathematical** of Analysis Differential Equations of Ferghana State University

Some biological processes using differential equations study

15. Bocharova Nadiia Avakivna –
Candidate of Economic
Sciences, Associate Professor,
Associate Professor at the
Department of Management
Kharkiv National Automobile
and Highway University
Kharkiv, Ukraine

Fedotova Iryna
Volodymyrivna – Doctor of
Economic Sciences, Associate
Professor,
Professor at the Department of

Management, Kharkiv National Automobile The use of WebQuest technology in the education of managerial students

	and Highway University Kharkiv, Ukraine	
16.	Yunusov Alisher Ruzimatovich — Candidate of economic sciences, Associated professor, Department of World and regional economy, Fergana state university	of central Asia and EU on the basis of international
	Sattarova Hilola Burhanovna – Candidate of economic sciences, Associated professor, Department of World and regional economy, Fergana state university	
17.	Kurpayanidi K.I., PhD in economics, Professor of the Department Economics Fergana Polytechnic Institute, Corresponding member of the International Academy of Theoretical & Department Economics Theoretical & Department Economic	Transformation of the education system as a catalyst for innovation in modern china
18.	Robu Alina – Ph.D. candidate, "Ion Creangă" State Pedagogical University, Chișinău, Republic of Moldova	The importance of entrepreneurial training in secondary and higher education
19.	Aloshyn Serhii Pavlovych – PhD in Engineering, Associate Professor, Associate Professor at the Department of Computer and Information Technologies and Systems, National University «Yuri Kondratyuk Poltava Polytechnic» Haitan Olena Mykolaivna –	Neural network technology for synthesis of an expert system for early diagnosis of Alzheimer's disease in the space of intersecting features

	Senior Lecturer at the Department of Computer and Information Technologies and Systems National University «Yuri Kondratyuk Poltava Polytechnic» Poltava, Ukraine	
20.	Artemenko Antonina Ivanivna  — PhD in Education, senior lecturer at the Department of Foreign languages  Kyiv National Economic University named after V. Hetman  Kyiv, Ukraine	information technologies in
21.	Abdumanonov Akhrorjon Adxamjonovich – head of the training department Central Asian MedicaL University	Interactive teaching methods in the preparation of medical
22.	Botnarenko Iryna Anatolyivna – candidate of legal sciences, senior researcher of the scientific laboratory on problems of combating crime of the educational and scientific institute No. 1 of the National Academy of Internal Affairs	
23.	Vasynova Nadiia – Candidate of Pedagogical Sciences, Docent, Docent of the Department of Public Service and Management of Educational and Social Institutions «Luhansk Taras Shevchenko	solve them in cooperation between «university –

	National University» Poltava, Ukraine	
24.	Voronina Halyna Leonidivna, Candidate of Pedagogical Sciences, senior lecturer of the methodology of education and personality development. Kharkov Academy of Postgraduate Education, Kharkov, Ukraine Churkina Victoria Hrigorivna,	culture of the head of the department in the conditions
	Candidate of Art History, the assistant professor of the department education and personal development, Kharkov Academy of Postgraduate Education, Kharkov, Ukraine	
25.	Zhukovych Inna – Candidate of Philological Sciences, teacher teacher of the department №5 Military Institute of Telecommunications and Informatization named after Heroes of Krut Kyiv, Ukraine	communication technologies in the study of English
26.	Kyrchata Iryna – Candidate of Economic Sciences, associate professor, associate professor economy and entrepreneurship Kharkiv National Automobile and Road University, Kharkiv, Ukraine	

Olena Pavlivna -27. Kosovets of Pedagogical Candidate Sciences, of Senior Lecturer the Department of Mathematics and | institutions Informatics. Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University, Vinnytsia, Ukraine

Analysis of interactive methods of teaching informatics to students of general secondary education institutions

Holder of a master's degree of higher education,
Faculty of Mathematics, Physics and Computer Sciences,
Vinnytsia Mykhailo
Kotsiubynskyi State
Pedagogical University,
Vinnytsia, Ukraine

Shuliak Yuliia Serhiivna

Oleksandr Methods of teaching and date of programming and IT

Kryvonos 28. **Mykolaiovych** – Candidate of Pedagogical Sciences (PhD in Pedagogy), Docent Department Docent of Science Computer and **Information Technology** Zhytomyr Ivan Franko State University Zhytomyr, Ukraine

Kryvonos Myroslava Petrivna

 Assistant Department of Computer Science and Information Technology
 Zhytomyr Ivan Franko State University
 Zhytomyr, Ukraine

Kryzhna 29. Volodymyrivna – sciences, candidate of legal senior researcher senior researcher of the scientific department crime prevention laboratories National Academy of Internal **Affairs** Kyiv, Ukraine

Valentina Application of information technologies during the training of specialists for bodies of the national police of ukraine

**Larkin Mykhailo** – Lead of **Using** 30. Law faculty Career Orientation Work, PhD / Candidate of Law Sciences, Associate Professor, Head of Criminal Law and Law Enforcement **Activities** Department of the Law Faculty, Zaporizhzhia **National** University, Zaporizhzhia, Ukraine

of innovative technologies to teaching the criminal-legal cycle disciplines at the Zaporizhzhia **National** University

31. Philosophy Doctor of specialty 081 "Law", senior lecturer of the Department of Organization of **Pretrial** Investigation, Faculty No. 1 of the Kryvyi Rih Educational and Scientific Institute of the Donetsk State University Internal Affairs, Kryvyi Rih, Ukraine

Lytvynenko Olha Heorhiivna Databases in the structure of in | the of **National Police** Ukraine

Krystyna Omarova Chupalavivna – cadet faculty Kryvyi No. 1 of the Educational and Scientific Institute of the Donetsk State University of Internal Affairs,

	Kryvyi Rih, Ukraine	
32.	Lubenets Iryna Hryhorivna – Candidate of Sciences in Jurisprudence, Senior Researcher, Leading Researcher of the State Research Institute of the Ministry of Internal Affairs of Ukraine, Kyiv, Ukraine	in the digital environment as
33.	Lyashenko Oleksandr – Candidate of Technical Sciences, Professor, Head of Department of Occupational Safety and Health, Ecology and Chemistry Odessa National Maritime University Odessa, Ukraine	scientific and teaching employees
34.	Martynenko Nataliia – Ph.D in the field of Public Management and Administration, Leading Researcher of National Scientific Center «Hon. Prof. M. S. Bokarius Forensic Science Institute»	C
35.	Nazarevych Lesia – Candidate of Geological Sciences, researcher of the Department of seismicity of the Carpathian region S. I. Subbotin name Institute of Geophysics of NAS of Ukraine, Ukraine, Lviv	in the assessment of seismo- ecological risks of water
	Nazarevych Andriy –	

	Candidate in Physics and Mathematics (Geophysics), senior researcher, Carpathian Brunch of S. I. Subbotin name Institute of Geophysics of NAS of Ukraine, Ukraine, Lviv	
36.		Use of digital resources at foreign language lessons for distance learning in the Ukrainian universities
37.	Oliinyk Oleh Mykolayovych – Doctor of Philosophy Institute of World History National Academy of Science of Ukraine, Kyiv, Ukraine	_
38.	Puhachenko Olha – candidate of economic sciences (PhD in Economics), associate professor, associate professor of the Department of Audit, Accounting and Taxation, Central Ukrainian National Technical University Kropyvnytskyi, Ukraine  Kosenko Svitlana – candidate of juridical sciences (PhD in Law), associate professor, head of the laboratory of	•

39.	Umarovna – Associate	management of the higher
	Professor of School Management Department Kokand State Pedagogical Institute, Kokand, Uzbekistan	education system
40.	Rogushina Julia – Candidate of Physical and Mathematical Sciences, Associate Professor, senior researcher of Institute of Software Systems of the National Academy of Sciences of Ukraine, Kyiv, Ukraine	semantic mediawiki for representation and retrival of scientific data in the fair
41.	Synyavina Yuliya – PhD in	SMART-technologies as a means of improving the

Department of Cybernetics and process **Information Technologies** Biotechnological State University Kharkiv, Ukraine Zhyla Viktor PhD in technical sciences, Associate Professor. Professor at the Department of Integrated end Power Engineering, Biotechnological State University Kharkiv, Ukraine Lysychenko Mykola – Doctor of science, professor, Professor at the Department of Electromechanics, Robotics. Electrical Biomedical and Engineering Biotechnological State University Kharkiv, Ukraine 42. Sobolyeva Svitlana Didactic computer game in Mykhailivna professional Associate of training Candidate **Professor** of cadets Pedagogical Sciences (PhD), Associate Professor, Senior Lecturer of the Department of Psychology and Pedagogy, Kozhedub Kharkiv Ivan University of Air Force, Kharkiv, Ukraine Mykolaivna - Use of mobile technologies 43. Soia Olena Candidate of Science in and learning tools Pedagogy, Senior Lecturer of methodical training of the

	Mathematics and Computer Science Department, Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University, Vinnytsia, Ukraine	future mathematics teachers
44.	Strelbytska Svitlana Mikhailivna – PhD (Candidate of Pedagogical Sciences), senior lecturer at the department of pedagogy and educational management Odesa Academy of continuous education of the Odesa Regional Council Odesa, Ukraine	training of higher education
45.	Candidate of Pedagogical Science, Associate Professor of the Department of English Language for Humanities, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"  Goriacheva Maria – Student of the Faculty of Sociology and Law	
	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	
46.	Tureniyazova Asiya — PhD, Associated Professor of IT Department, Nukus Branch of Tashkent University of Information	_

	Technologies, Nukus,  Kirill Sprishevskiy – student of Computer Engineering Faculty, Nukus Branch of Tashkent University of Information Technologies, Nukus, Karakalpakstan,	
47.	Feketa Iryna Yuriivna – Candidate of Biological sciences, Associate Professor Department of Physical Geography and Rational Nature Management Uzhhorod National University, Uzhhorod, Ukraine	of environmental orientation in the mixed form of education of students of
48.	Yulbarsova Khurshida Abdullajonovna – Doctor of Philosophy (PhD), Associate Professor of the Department of Sociology, Fergana State University,	of the professional competence of the future
49.	Yakushenko Evgen Mykolayovych – Associate professor of the department, Associate professor of the Department of Integrated Electrical Technologies and Power Engineering State Biotechnological University Kharkiv, Ukraine  Semenyuk Dmytro Pavlovich – Associate professor of the department, Professor of the Department of	in the training of a specialist

50.	Integrated Electrical Technologies and Power Engineering State Biotechnological University Kharkiv, Ukraine  Khamrakulov Ikhtiyor Bakhtiyorovich – teacher, Fergana politechnical institute Fergana, Uzbekistan	Conceptual model of establishment and development of small industrial zones
51.	Haitan Olena Mykolaivna — Senior Lecturer at the Department of Computer and Information Technologies and Systems National University «Yuri Kondratyuk Poltava Polytechnic» Smyslov Serhii, Student at Department of Computer and Information Technologies and Systems National University «Yuri Kondratyuk Poltava Polytechnic» Poltava, Ukraine Sapsai Yevhenii — Student at Department of Computer and Information Technologies and Systems National University «Yuri Kondratyuk Poltava Polytechnic» Poltava, Ukraine	of increasing of student training success in higher
52.	Kodola Raisa – Lecturer at the Department of Foreign Languages	

	Heroes of Krut Military Institute of Telecommunications and Informatization Kyiv, Ukraine Smirnova Oleksandra – Lecturer at the Department of Foreign Languages Heroes of Krut Military Institute of Telecommunications and Informatization	
53.	Kukiyeva Cayyra Cayidakbarovna— Lecturer of the Mathematics Department Fergana State University named after Al–Kharezmiy	development of the ICT
54.	Maksymchuk Anna Volodymyrivna – Junior Researcher of Scientific— organizational department Odesa Military Academy  Maksymchuk Dmytro Stepanovych – Lecturer at the Department of Missile and Artillery Weapons Odesa Military Academy Odesa, Ukraine	8
55.	Petrykovska Alla – leecturer—methodologist of construction studies, specialist of the highest qualification category Separate structural subdivision «Rivne proffesional college of National university of life and environmental sciences of	educational institutions as an element of remote form of

	Ukraine» Rivne, Ukraine	
56.	Slodynytska Yuliia Ruslanivna — Lecturer at the Department of Ukrainian and Foreign Languages Lviv State University of Physical Culture named after Ivan Boberskyi, st. Tadeusz Kosciuszko	Multimedia technologies in education
57.	Yuldasheva Gulmira Azatovna – Fargona State University, Department of "Accounting and Economic Analysis", teacher	
58.	Boldov Andrii – Graduate student of the State Research Institute of Informatization and modeling of the economy	
59.	Kotykhova Lyudmila Dmytrivna – assistant of the Department of Computer Sciences Pryazovskyi State Technical University	<b>3 2</b>
60.	Makarova Svitlana Oleksandrivna – Graduate student University of customs and finance	
61.	SuyumovJurabekYunusaliyevich-Assistant ofthe Department of ComputerSystemsFergana branch of Tashkent	information technology in pedagogical education

	University of Information Technologies named after Muhammad al— Khwarizmi Ferghana, Uzbekistan Lutfillaev Mahmud Xasanovich —Doctor of Pedagogical Sciences, Professor Professor of the Department of Information Technologies Samarkand State University Samarkand, Uzbekistan	
62.	Abduqodirov Dilshodbek Otabek o'g'li	Unemployment rate in Uzbekistan and its impact on business
63.	Kochkorova Dilfuza – Bizness Administration 3rd stage student Higher School in Fergana Branch	in modern business
64.	Kuchkorova Rushana Abduallievna Rustamov Diyorbek Rovshan's son. Students of ISMA university of Information Systems Management, Fergana branch. Fergana, Uzbekistan	Use of KPI system (key performance indicator system) in effective management of employees
65.	Sodikkhujaeva Shakhnoza Khursandzan khizi – Master of Science, assistant, higher mathematics department, Ferghana Polytechnical Institute, Ferghana, Uzbekistan	continuous mapping of topological space and its application by the concept of
66.		Educational management systems and their interactive

	Fergana branch	capabilities
67.		Digitalization of tourism in Uzbekistan
68.	Rakhmonov Nodirbek Bachelor ISMA university Fergana Branch Abdumuttaliyev Khurshitbek Bachelor ISMA university Fergana Branch	The current state of the digital economy: problems and solutions
69.	Jamoliddinova Mokhinur Davlatjonovna – student of foreign language and literature, English language literature facultety, Ferghana state university	of innovative tourism services in the field of marketing in
70.	PHEI "Bukovyna University" <b>Kelbia Stella</b> – candidate of	information technologies in
71.	Karimova Gulzira Ikromali qizi – Graduate student of economic department Fergana State university	<u>-</u>
72.	Pyurko Vladyslav – Applicant of scientific degree «Doctor of Philosophy» (PhD) by specialty 011 Educational Pedagogical Sciences, teacher's assistant,	

	exercise therapy teacher Bogdan Khmelnytsky Melitopol State Pedagogical University, Melitopol Gymnasium № 22 of Melitopol City Council of Zaporizhzhia Region Zaporozhye, Ukraine Khrystova Tetiana – Doctor of Biological Sciences, Professor, Professor of the theory and methods department of physical education and sports disciplines	
73.	Bogdan Khmelnytsky Melitopol State Pedagogical University Zaporozhye, Ukraine Pyurko Olga – Candidate of Biological Sciences, associate professor of the chemical–biological faculty, Bogdan Khmelnytsky Melitopol State Pedagogical University Zaporozhye, Ukraine	
	Magisters student, Fergana State University	equations in medicine
74.	Turka Viktor Mykolaiovych – Director of Sloviansk Energy Construction Vocational College, Sloviansk, Ukraine	means of improving the
75.	Xasanov Jaxongirmirzo Axadjon oʻgʻli – Fergana state university Graduate department Economy (by industries and sectors) Fergana, Uzbekistan	

76.	Khomidov	Kakhhoral	i –	Characteri	stics	of im	proving
	Master of Economics, Faculty of			organizatio	nal a	nd	
	Economics,	Ferghana	state	economic	med	hanis	sms of
	university			manageme	nt	in	higher
	_			education i	nstitu	itions	