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**SCIENCE AND EDUCATION**

**AS THE BASIS FOR THE MODERNIZATION  
OF THE WORLD ORDER '2024**

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2024



**December 29, 2024:** The beginning of the sections of the Symposium.

## 1. Innovative machinery, technology and industry

<b>HIGHLY SENSITIVE RADIO MEASUREMENT TRANSDUCER OF MAGNETIC FIELD INDUCTION</b>	Osadchuk Oleksandr Volodumurovuch , Doctor of Technical Sciences, Professor, Vinnytsia National Technical University - ORCID 0000-0001-6662-9141
	Osadchuk Iaroslav Oleksandrovuch, Candidate of Technical Sciences, Associate Professor, Vinnytsia National Technical University - ORCID 0000-0002-5472-0797
	Pritula Maksum Oleksandrovuch, Candidate of Technical Sciences, Senior Lecturer, Vinnytsia National Technical University - ORCID 0000-0003-1577-5215
<b>ENGINEERING SOLUTIONS FOR FORMING INNOVATIVE FERMENTED PRODUCT TECHNOLOGY FOR HEALTHY FOOD</b>	Seliutina Halyna Anatolyivna, Candidate of Technical Sciences, Associate Professor, State Biotechnological University - ORCID 0000-0003-2913-6262
<b>BIOINGREDIENTS FOR MOLECULAR GASTRONOMY</b>	Shved Olha Vasylivna, Candidate of Chemical Sciences, Associate Professor, Lviv National Polytechnic University - ORCID 0000-0002-6023-8067
	Zayarnyuk Nataliya Leonidivna, Candidate of Pharmaceutical Sciences, Associate Professor, Lviv National Polytechnic University - ORCID 0000-0002-5507-5873
	Boiarskyi Roman Volodymyrovych, graduate student, Lviv National Polytechnic University - ORCID 0009-0003-8046-5739
<b>LOCAL ENERGY COMMUNITIES AS A FACTOR INCREASING THE SUSTAINABILITY OF THE UES OF UKRAINE</b>	Denysiuk Serhii, Doctor of Technical Sciences, Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" - ORCID 0000-0002-6299-3680
	Bielokha Halyna, Candidate of Technical Sciences, Associate Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" - ORCID 0000-0003-4277-367X
	Ushchapovsky Kostyantyn, Doctor of Economic Sciences, National Commission for State Regulation in the Field of Energy and Utilities - ORCID 0009-0009-6662-2244

## 2. Computer science, cybernetics and automation

<b>GPU STREAM PROCESSING</b>	Romanyuk Oleksandr Nykyforovych, Doctor of Technical Sciences, Professor, Vinnytsia National Technical University - ORCID 0000-0002-2245-3364
	Shenshin Oleksandr Oleksandrovych, student, Vinnytsia National Technical University - ORCID 0009-0009-9190-7153
	Bobko Oleksii Leonidovych, Vinnytsia National Technical University - ORCID 0009-0000-1753-279X





	Titova Nataliia Volodymyrivna, Doctor of Technical Sciences, Professor, Odessa Polytechnic National University - ORCID 0000-0002-7322-9952
	Romanyuk Serhii Oleksandrovyeh, Candidate of Technical Sciences, Senior Lecturer, Odessa Polytechnic National University - ORCID 0000-0002-6400-0021

### 3. Security systems in the modern world

<b>INCREASING RESISTANCE TO ATTACKS OF THE STEGANOGRAPHIC METHOD WITH CODE MANAGEMENT</b>	Melnyk Marharyta, Candidate of Technical Sciences, Associate Professor, Odesa Polytechnic National University - ORCID 0000-0003-0619-7281
	Hulid Dmytro, Odesa Polytechnic National University, Odesa Polytechnic National University - ORCID

### 6. Physics and mathematics

<b>THREE-DIMENSIONAL VIBRATION ANALYSIS OF LAMINATED SHELLS</b>	Pysarenko Alexander Mykolayovich, Candidate of Physical and Mathematical Sciences, Associate Professor, Odessa State Academy of Civil Engineering and Architecture - ORCID 0000-0001-5938-4107
<b>MATHEMATICAL MODELING OF THE DYNAMICS OF BIOLOGICAL SYSTEM DEVELOPMENT</b>	Romanchuk Lyubov Anatolyivna, Candidate of Philological Sciences, Oles Honchar Dnipro National University - ORCID 0000-0001-5759-0126
	Mormul Mykola Fedorovych, Candidate of Technical Sciences, Associate Professor, University of Customs and Finance - ORCID 0000-0002-8036-3236
	Shchytyov Dmytro Mykolayovych, Candidate of Economic Sciences, Dnipro Faculty of Management and Business of Kyiv University of Culture - ORCID 0000-0003-4306-8016
	Shchytyov Olexandr Mykolayovych, Candidate of Physical and Mathematical Sciences, Associate Professor, EC-Lyceum No. 100 - ORCID 0000-0002-1435-2918

### 8. Medicine and healthcare

<b>PSYCHOHYGIENIC DIAGNOSTICS OF THE HEALTH OF CHILDREN, ADOLESCENTS AND YOUTH: SCIENTIFIC BASIS OF EFFECTIVE IMPLEMENTATION</b>	Serheta Ihor Volodymyrovych, Doctor of Medical Sciences, Professor, National Pirogov Memorial Medical University - ORCID 0000-0002-4439-3833
<b>DIAGNOSTIC FEATURES OF PATHOLOGICAL PROCESSES CAUSED BY DENTAL PROSTHESES WITH METAL INCLUSIONS</b>	Belikov Oleksandr Borisovych, Doctor of Medical Sciences, Professor, Bukovinian State Medical University - ORCID 0000-0001-8828-6311
	Sorokhan Mykola Mykolajovych, Candidate of Medical Sciences, Bukovinian State Medical University - ORCID 0000-0002-7331-6298
	Roshchuk Oleksandra Ihorivna, Candidate of Medical Sciences, Associate Professor, Bukovinian State Medical University - ORCID 0000-0002-1877-1546



	Belikova Natalia Ivanivna, Candidate of Medical Sciences, Associate Professor, Bukovinian State Medical University - ORCID 0000-0003-2304-2089
<b>ACHIEVEMENTS OF THE DEPARTMENT OF PHTISIOLOGY AND PULMONOLOGY OF THE O.O. BOGOMOLETS NATIONAL MEDICAL UNIVERSITY IN THE SCIENTIFIC DIRECTION (DEDICATED TO THE 100TH ANNIVERSARY OF THE FOUNDING OF THE DEPARTMENT)</b>	Petrenko Vasyly Ivanovith, Doctor of Medical Sciences, Professor, Bogomolets National Medical University, Kyiv - ORCID
	Pikas Olha Bogdanivna, Doctor of Medical Sciences, Professor, Bogomolets National Medical University, Kyiv - ORCID 0000-0002-9525-7719
	Pikas Petro Bogdanjvith, Shupyk National Healthcare University of Ukraine, Kyiv - ORCID

### 9. Biology and ecology

<b>CATTLE UNDER THE EFFECTS OF RADIATION IRRADIATION</b>	Lazarev Mykola, Candidate of Biological Sciences, Associate Professor, NULES of Ukraine - ORCID 0000-0001-6286-0063
	Kalachniuk Liliia, Doctor of Biological Sciences, Professor, NULES of Ukraine - ORCID 0000-0002-5545-8495
	Klepko Alla, Doctor of Biological Sciences, Associate Professor, NULES of Ukraine - ORCID 0000-0002-5545-8495

### 10. Agriculture, forestry, fisheries and water management

<b>ECOLOGICAL LOGISTICS IN THE PROCESSES OF RESTORATION OF CATTLE BREEDING IN THE DEOCCUPIED TERRITORIES OF UKRAINE</b>	Korniietskyi Alexander, Doctor of Economic Sciences, Professor, Institute of Animal Husbandry of the National Academy of Agrarian Sciences of Ukraine - ORCID 0000-0001-9668-2621
	Orel Volodymyr, Doctor of Economic Sciences, Professor, Institute of Animal Husbandry of the National Academy of Agrarian Sciences of Ukraine - ORCID 0000-0002-1609-1731
	Reznik Nadiia, Doctor of Economic Sciences, Professor, National University of Life and Environmental Sciences of Ukraine - ORCID 0000-0001-9588-5929
<b>SELECTION-BIOTECHNOLOGICAL APPROACHES IN SOLVING PROBLEMS OF DAIRY CATTLE REPRODUCTION UNDER CONDITIONS OF HEAT STRESS</b>	Pryshedko Volodymyr, Candidate of Agricultural Sciences, Associate Professor, Dnipro state agrarian and economic university - ORCID 0000-0002-7324-5485
<b>MILK COMPOSITION AND BUTTER QUALITY WHEN MICROELEMENTS ARE ADMINISTERED IN THE COWS' DIET ON CULTIVATED PASTURES OF BUKOVINA WITH DIFFERENT BACKGROUND OF MINERAL FERTILIZERS</b>	Prylipko Tetiana, Doctor of Agricultural Sciences, Professor, Podilskyi State Agrarian and Engineering University - ORCID 0000-0002-8178-207X
	Koval T.V., Candidate of Agricultural Sciences, Associate Professor, Podilskyi State Agrarian and Engineering University - ORCID 0000-0002-7132-5887



### 13. Economics and trade

<b>CREATION OF A UNIQUE TOURIST PRODUCT OFFER</b>	Kiziun Alla, Candidate of Geographical Sciences, Associate Professor, Vinnytsia Institute of Trade and Economics of State University of Trade and Economics - ORCID 0000-0003-2838-9428
<b>DEVELOPMENT OF THE STARTUP ECOSYSTEM IN THE CONDITIONS OF THE KNOWLEDGE ECONOMY</b>	Akhnovska Inna, Candidate of Economic Sciences, Associate Professor, Vasyl' Stus Donetsk National University - ORCID 0000-0001-9731-3801
	Akhnovskiy Denys, master's degree, Vasyl' Stus Donetsk National University - ORCID 0000-0001-7758-3636
	Bolhov Vladyslav, Candidate of Economic Sciences, Associate Professor, State University of Trade and Economic - ORCID 0000-0002-0631-302X
<b>CONCEPTUAL FRAMEWORKS AND THEORETICAL PERSPECTIVES ON THE INTERNATIONALIZATION OF HIGHER EDUCATION</b>	Roshka Petru Ivanovich, Doctor of Economic Sciences, Professor, Free International University of Moldova - ORCID 0009-0000-5300-7394
	Trifonova Larisa Igorevna, Candidate of Economic Sciences, Associate Professor, Moldova State University - ORCID 0000-0002-2080-9750
<b>THEORETICAL BASICS OF THE ORGANIZATIONAL AND ECONOMIC MECHANISM OF LABOR MARKET REGULATION IN THE AGRICULTURE OF UKRAINE UNDER THE CONDITIONS OF THE STATE OF MARTIAL</b>	Shumilin Anton Oleksandrovich, graduate student, Academy of Labor, Social Relations and Tourism - ORCID 0009-0006-7863-9818
<b>DIGITALIZATION OF CONTAINER SHIPPING: BLOCKCHAIN AS A TOOL FOR TRANSFORMING SHIPPING COMPANIES' OPERATIONS</b>	Yarovyi Viktor Ihorovych, graduate student, Odessa National Maritime University - ORCID 0009-0004-6661-0917
<b>SOCIO-ECONOMIC INEQUALITY: IMPACT ON THE ECONOMIC BEHAVIOR OF SOCIETY</b>	Fomina Olena Oleksandrivna, Candidate of Economic Sciences, Associate Professor, Donetsk National Technical University , - ORCID 0000-0002-6737-2189

### 14. Management and marketing

<b>MAIN DIRECTIONS OF INTEGRATIVE DEVELOPMENT OF HUMAN RESOURCES OF THE MARITIME INDUSTRY</b>	Sienko Olena , Doctor of Economic Sciences, Professor, National University Odesa Maritime Academy, Ukraine - ORCID 0000-0003-2076-8503
	Singh Binay Kumar, graduate student, Національний університет National University Odesa Maritime Academy, Ukraine - ORCID
	Gnatyuk Bogdan , graduate student, National University Odesa Maritime Academy, Ukraine –



<b>ECONOMIC MECHANISM FOR THE INTRODUCTION OF DIGITAL MARKETING AS A STRATEGIC TOOL FOR THE DEVELOPMENT OF SOCIO-ECONOMIC SYSTEMS</b>	Yanchuk Tetiana, Candidate of Economic Sciences, Associate Professor, Vasyl' Stus Donetsk National University - ORCID 0000-0003-3901-7670
<b>THE INFLUENCE OF ENVIRONMENTAL FACTORS ON ORGANIZATIONAL BEHAVIOR: A COMPREHENSIVE ANALYSIS OF WORKPLACE DYNAMICS AND EMPLOYEE PERFORMANCE</b>	Jorovlea Elvira Leon, Doctor of Economic Sciences, Professor, ASEM - ORCID 0000-0001-8184-9951
<b>IMPROVING WORKPLACE PERFORMANCE THROUGH MASTERY OF SELF-CONTROL: EXAMINING THE IMPACT OF SELF-REGULATION ON EMPLOYEE BEHAVIOR AND PRODUCTIVITY</b>	Jorovlea Elvira Leon, Doctor of Economic Sciences, Professor, ASEM - ORCID 0000-0001-8184-9951
<b>STRATEGIC MANAGEMENT AS A BASIS FOR COMPETITIVE DEVELOPMENT OF ENTERPRISES</b>	Plisko Vladislav, graduate student, State Biotechnological University - ORCID
	Lisniak Halyna, graduate student, State Biotechnological University - ORCID
	Volkov Kyrilo, graduate student, State Biotechnological University - ORCID
	Dehtiarov Serhii, graduate student, State Biotechnological University - ORCID
	Hromov Mykhailo, graduate student, State Biotechnological University - ORCID
<b>DIRECTIONS OF DEVELOPMENT OF STRATEGIC MANAGEMENT SYSTEMS IN THE CONTEXT OF DIGITAL TRANSFORMATION OF BUSINESS PROCESSES</b>	Rybalchenko Serhii, graduate student, State Biotechnological University - ORCID
	Ohienko Anton, graduate student, State Biotechnological University - ORCID
	Prykhodko Maksym, graduate student, State Biotechnological University - ORCID
	Rohynskiyi Oleksii, graduate student, State Biotechnological University - ORCID

## 16. Education and pedagogy

<b>ELECTIVE DISCIPLINES AS A TOOL FOR DEVELOPING RESEARCH COMPETENCE OF FUTURE PHARMACISTS IN THE CONTEXT OF DIGITALIZATION AND INNOVATIVE APPROACHES</b>	Pushkarova Yaroslava, Candidate of Chemical Sciences, Associate Professor, Bogomolets National Medical University - ORCID 0000-0001-9856-7846
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	Lysenko Tetyana, applicant, Bogomolets National Medical University - ORCID 0000-0002-7700-9332



	Kostyrko Olena, Candidate of Chemical Sciences, Associate Professor, Bogomolets National Medical University - ORCID 0000-0002-7986-261X
<b>ADAPTATION OF THE EDUCATIONAL PROCESS OF GENERAL SECONDARY EDUCATION INSTITUTIONS TO THE NEGATIVE CHALLENGES OF RUSSIA'S ARMED AGGRESSION AGAINST UKRAINE</b>	Repko Inna, Candidate of Pedagogical Sciences, Associate Professor, Municipal establishment "Kharkiv humanitarian-pedagogical academy" of Kharkiv regional council - ORCID 0000-0001-8501-4097
	Kobzar Yuliia, Senior Lecturer, Municipal establishment "Kharkiv humanitarian-pedagogical academy" of Kharkiv regional council - ORCID 0009-0002-2933-0575
<b>TEACHING FOREIGN LANGUAGES IN AGGREGATED SMALL ACADEMIC GROUPS OF DIFFERENT SPECIALITIES AS A PART OF STRUCTURAL CONSOLIDATION WITHIN UKRAINIAN EDUCATIONAL SYSTEM</b>	Muraviova Olena Mykolaivna, State Biotechnological University - ORCID 0000-0003-2596-6330
	Arkhylova Viktoriia Oleksandrivna, Kharkiv National University of Radio Electronics - ORCID 0000-0002-7921-1040
	Kolesnyk Alina Oleksiivna, Candidate of Technical Sciences, Associate Professor, State Biotechnological University - ORCID 0000-0002-9890-6040
	Manuyenkova Olena Olehivna, State Biotechnological University - ORCID 0000-0002-2587-6901
	Podvorna Liudmyla Anatoliivna, State Biotechnological University - ORCID
<b>RESEARCH WORK OF STUDENT YOUTH</b>	Prylipko Tetiana, Doctor of Agricultural Sciences, Professor, Podilskyi State Agrarian and Engineering University - ORCID 0000-0002-8178-207X
	Rusnak L.V., Candidate of Legal Sciences, Podilskyi State Agrarian and Engineering University - ORCID 0000-0002-5165-1079
<b>DEVELOPMENT OF CREATIVITY OF FUTURE VOCATIONAL EDUCATION TEACHERS IN THE PROCESS OF THEIR PROFESSIONAL TRAINING</b>	Vovk Bohdan Ivanovich, Candidate of Pedagogical Sciences, Associate Professor, Oleksandr Dovzhenko Hlukhiv National Pedagogical University - ORCID 0000-0003-1161-7818
	Samus Tetiana Volodymyrivna, Candidate of Pedagogical Sciences, Associate Professor, Oleksandr Dovzhenko Hlukhiv National Pedagogical University - ORCID 0000-0003-1575-6989
	Vovk Lyudmila Anatoliivna, graduate student, Oleksandr Dovzhenko Hlukhiv National Pedagogical University - ORCID 0009-0002-4026-6017
<b>THE PLACE OF DIGITAL COMPETENCE IN THE TRAINING OF FUTURE DENTISTS AT THE LEVEL OF PROFESSIONAL PRE-HIGHER EDUCATION</b>	Stuchynska Natalia Vasylivna, Doctor of Pedagogical Sciences, Professor, Bogomolets National Medical University - ORCID 0000-0002-5583-899X
	Palamarchuk Yurii Viktorovych, graduate student, Bogomolets National Medical University - ORCID 0009-0002-8517-8352





<p><b>THE EDUCATIONAL PROCESS OF MODERN STUDENTS IN THE EDUCATIONAL INSTITUTIONS OF UKRAINE: FEATURES OF THE ORGANIZATION OF THE EDUCATIONAL PROCESS UNDER THE CONDITIONS OF MARITAL STATE</b></p>	<p>Zalij Ruslan Vasilovsch, Candidate of Pedagogical Sciences, Associate Professor, National University "Poltava Polytechnic named after Yuriy Kondratyuk" - ORCID 0000-0001-8405-0854</p>
<p><b>POLTAVSK KUSCHOVY PEOPLE'S COURT: PRACTICE OF ACTIVITY IN THE 20-30'S OF THE 20TH CENTURY</b></p>	<p>Zalij Tamara Vitaliivna, Candidate of Historical Sciences, Associate Professor, Poltava V.G. Korolenko National Pedagogical University - ORCID 0000-0003-1290-0316</p>
<p></p>	<p>Anton Valeryovych Radchenko, applicant, Poltava V.G. Korolenko National Pedagogical University -</p>
<p><b>FORMATION OF DIGITAL LITERACY OF MODERN STUDENTS IN THE CONDITIONS OF DISTANCE LEARNING</b></p>	<p>Kharchenko Tetyana Oleksiivna, Candidate of Historical Sciences, Poltava V.G. Korolenko National Pedagogical University - ORCID</p>
<p></p>	<p>Zalij Tamara Vitaliivna, Candidate of Historical Sciences, Poltava V.G. Korolenko National Pedagogical University - ORCID 0000-0003-1290-0316</p>

## 20. Philology, linguistics and literary criticism

<p><b>INFLUENCE OF THE QUALITATIVE AND QUANTITATIVE CHARACTERISTICS OF ENGLISH FINANCIAL TERMINOLOGY SYSTEM ON TRANSLATION</b></p>	<p>Stoliarchuk Hanna, Candidate of Economic Sciences, Associate Professor, National Aerospace University "Kharkiv Aviation Institute" - ORCID 0000-0002-5046-4298</p>
<p><b>LEGAL LANGUAGE OF THE LATIN LEGISLATIVE DOCUMENTS: FEATURES OF THE GENRE AND MAIN LINGUISTIC AND STYLISTIC CHARACTERISTICS</b></p>	<p>Kondaurova Khrystyna, Senior Lecturer, Bogomolets national medical university - ORCID</p>
<p><b>CONCEPTS OF RICH AND POOR IN A. CHRISTIE'S NOVEL "WHY DID NOT THEY ASK EVANS?": MULTI-PARADIGMAL ANALYSIS</b></p>	<p>Terekhova Svitlana Ivanivna, Doctor of Philological Sciences, Professor, Kyiv National Linguistic University, Kiev national trade and economic university - ORCID 0000-0002-7473-9399</p>
<p></p>	<p>Pitsik Olesia Vasyliivna, Senior Lecturer, Kiev national trade and economic university, National Academy of the Security Service of Ukraine - ORCID 0000-0002-8117-7478</p>

## 21. Legal and political sciences

<p><b>EXAMINING LEGAL ETHICS: CORE FOUNDATIONS, ESSENTIAL PRINCIPLES, AND REAL-WORLD APPLICATIONS IN CONTEMPORARY LEGAL PRACTICE</b></p>	<p>Jorovlea Elvira Leon, Doctor of Economic Sciences, Professor, ASEM - ORCID 0000-0001-8184-9951</p>
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<b>A COMPARATIVE ANALYSIS OF ETHICAL FRAMEWORKS: EXAMINING THE PRINCIPLES AND APPLICATIONS OF UTILITARIANISM, DEONTOLOGY, AND VIRTUE ETHICS IN CONTEMPORARY MORAL DECISION MAKING</b>	Jorovlea Elvira Leon, Doctor of Economic Sciences, Professor, ASEM - ORCID 0000-0001-8184-9951
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**December 30, 2024:** Summarizing. Recommendations for the publication of materials in the monograph. Closing of the annual scientific-practical Symposium.

**Chairman of the Organizing Committee**  
*Doctor of Technical Sciences, Professor, Academician*

**A.G. Shibaev**

**SWorld Project Manager**  
*Ph.D.*



**S.V. Kuprienko**