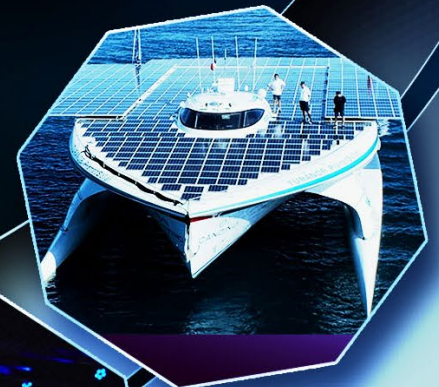


International scientific symposium

SWorld

Symposium program

**RESPECTIVE GLOBAL
SCIENTIFIC TRENDS**



Organizing Committee:

Chairman:

Shibaev A.G. Academician, Doctor of Technical Sciences, Professor

Scientific Secretary:

Kuprienko S.V. PhD in technical sciences

Members of the organizing committee:

More than 350 doctors of sciences in all areas

of the symposium. Learn more at <https://desymp.promonograph.org>



April 29, 2024: The beginning of the sections of the Symposium.

1. Innovative machinery, technology and industry

IMPROVING OPERATIONAL EFFICIENCY: QUALITY MANAGEMENT IN CAFE OPERATIONS	Omelchenko Mariia Serhiivna, student, National University of Food Technologies, ORCID: 0000-0001-8342-229X
	Kuzmenko Rostislav Hennadiyovych, student, National University of Food Technologies, ORCID: 0009-0003-6989-0910
	Vozniuk Svitlana Ruslanivna, student, National University of Food Technologies, ORCID: 0009-0005-4179-5983
	Osadcha Veronika Anatoliyivna, student, National University of Food Technologies, ORCID: 0009-0002-2987-488X
	Kuzmin Oleh Volodymyrovych, Doctor of Engineering Sciences, professor, National University of Food Technologies, ORCID: 0000-0001-9321-6684
	Kravchenko Anatoliy Anatoliyovych, student, National University of Food Technologies, ORCID: 0009-0001-7236-1388
	Fefelov Denys Volodymyrovych, student, National University of Food Technologies, ORCID: 0009-0004-9147-2341
	Borysova Evelina Olehivna, student, National University of Food Technologies, ORCID: 0009-0005-0659-6401
	Maksymiuk Anna Ihorivna, student, National University of Food Technologies, ORCID: 0009-0005-5467-1963
FEATURES OF CRAFT BEER TECHNOLOGIES IN UKRAINE	Koval Olga, Candidate of Engineering Sciences, associate professor, National University of Food Technology, ORCID: 0000-0002-9427-1842
GRAVITY-MECHANICAL PROCESSING OF MEAT	Koval Olga, Candidate of Engineering Sciences, associate professor, National University of Food Technology, ORCID: 0000-0002-9427-1842

2. Computer science, cybernetics and automation

PHYSICAL EDUCATION AS ONE OF THE BASIS OF FORMING A CULTURE OF HEALTH IN RURAL SCHOOLCHILDREN.ELEMENTS OF REHABILITATION	Korin Micha, master's degree, I.Horbachevsky Ternopil national medical university, ORCID:
OBJECT RECOGNITION SYSTEMS USING INTELLIGENT TECHNOLOGIES IN UAV	Tuzhilin Denis Igorevich, master's degree, State University information and communication technologies, ORCID: 0009-0004-9915-9157
	Haleta Volodymyr Serhiiovych, master's degree, State University information and communication technologies, ORCID: 0009-0001-6422-1289
	Balvak Andrii Anatolijovych, graduate student, State University information and communication



	technologies, ORCID: 0000-0002-6441-8225
	Popereshnyak Svitlana Volodymyrivna, Candidate of Physical and Mathematical Sciences, associate professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", ORCID: 0000-0002-0531-9809
	Korotin Denys Serhiyovych, graduate student, State University information and communication technologies, ORCID: 0000-0001-7239-2101
	Burachynskyi Andrii Yuriyovych, graduate student, State University information and communication technologies, ORCID: 0009-0003-7913-2152
	Oleksii Gryhorovych Tonkykh, Candidate of Economic Sciences, associate professor, Kyiv National University of Technologies and Design, ORCID: 0000-0001-7823-4761
	Yurii Mishkur Valentynovych, graduate student, State University information and communication technologies, ORCID: 0009-0004-6807-6914
	Tkachenko Olha Mykolaivna, Doctor of Technical Sciences, professor, Kyiv National University named after Taras Shevchenko, ORCID: 0000-0001-7983-9033
	Golubenko Oleksandr Ivanovych, Candidate of Technical Sciences, associate professor, IHE «Academician Yuri Bugay international science and technical university», ORCID: 0000-0002-1776-5160
	Antonenko Artem Vasylovych, Candidate of Technical Sciences, associate professor, National University of Life and Environmental Sciences of Ukraine, ORCID: 0000-0001-9397-1209
	Vostrikov Sergii Oleksandrovych, graduate student, State University information and communication technologies, ORCID: 0009-0008-8425-8872
	Skudnyi Dmytro Yuriyovych, master's degree, State University information and communication technologies, ORCID: 0009-0006-0143-9367
	Huminiuk Vladyslav Yuriyovych, graduate student, State University information and communication technologies, ORCID: 0009-0009-1695-9949
BIG DATA AS A SOURCE OF INFORMATION SUPPORT FOR MODERN ENTERPRISES	Gavrillko Tetiana, Candidate of Economics, associate professor, National Aviation University, ORCID: 0000-0002-2010-307X
MATHEMATICAL MODEL OF THE STATIC MODE OF THE LOW-TEMPERATURE SEPARATION PROCESS	Horbichuk Mykhailo Ivanovych, Doctor of Technical Sciences, professor, National Technical University of Oil and Gas, ORCID:
HISTORICAL OVERVIEW OF THE EU GAS MARKET	Mysak Ihor Vasylovych, Lviv Polytechnic National University, ORCID: 0000-0002-1662-6636



FUNDAMENTALS OF PIEZORESONANT CAPACITANCE-CONTROLLED MECHANOTRONIC TRANSDUCERS: DESIGN AND CONSTRUCTION	Pidchenko Serhii, Doctor of Technical Sciences, professor, Khmelnytskyi National University, ORCID: 0000-0001-9488-1782
DEVELOPMENT OF FOOD E-TRADE THROUGH DIGITAL PLATFORMS	Mostova Anastasiia Dmytrivna, Doctor of Economics, associate professor, Varna University of Management Alfred Nobel University, ORCID: 0000-0002-3998-3441
QUARTZ PULSE WAVE SENSOR WITH A CAPACITIVE CONTROL FOR HEALTHCARE SOLUTIONS	Pidchenko Serhii, Doctor of Technical Sciences, professor, Khmelnytskyi National University, ORCID: 0000-0001-9488-1782
	Taranchuk Alla, candidate of technical sciences, associate professor, Khmelnytskyi National University, ORCID: 0000-0001-9686-8784
DESIGN AND MODELLING OF A CHAOTIC TRANSCEIVER FOR FREQUENCY OUTPUT QUARTZ TRANSDUCERS	Pidchenko Serhii, Doctor of Technical Sciences, professor, Khmelnytskyi National University, ORCID: 0000-0001-9488-1782
	Taranchuk Alla, candidate of technical sciences, associate professor, Khmelnytskyi National University, ORCID: 0000-0001-9686-8784
	Slobodian Maksym, master, associate professor, Khmelnytskyi National University, ORCID: 0000-0002-9277-565X

5. Architecture and construction

GRAVITY-MECHANICAL PROCESSING OF MEAT	Goots Victor, Doctor of Engineering Sciences, professor, Vinnytsia National Agrarian University, ORCID: 0000-0003-3874-5609
FORMATION OF A LIGHTING SYSTEM IN ARCHITECTURE	Chvrova Olha Evgenivna, Postgraduate Student, Odesa State Academy of Civil Engineering and Architecture, ORCID: 0009-0007-0798-8719
	Stashenko Mychajlo Sergijovych, Odesa State Academy of Civil Engineering and Architecture, ORCID: 0000-0001-8671-0721
	Vasylenko Oleksandr Borysovyh, Doctor of Architecture Sciences, professor, Odesa State Academy of Civil Engineering and Architecture, ORCID: 0000-0002-8261-3104
ECONOMIC MECHANISMS OF BUSINESS TRANSFORMATIONS AND NEW DEVELOPMENT TENDENCIES OF ACCOUNTING AND ANALYTICAL AND AUDITING COMPONENTS IN THE CONSTRUCTION INDUSTRY AND HOUSING AND UTILITIES	Popova Hanna Yuriivna, Candidate of Economic Sciences, associate professor, The North-Ukrainian Institute of the Private Joint Stock Company "Higher education institution "The Interregional Academy of Personnel Management", ORCID: 0000-0001-7046-5549
THE USE OF AI TECHNOLOGY IN LANGUAGE LEARNING	Shevchenko Olga Mykolaivna, National Technical University of Ukraine 'Igor Sikorsky Kyiv Polytechnic Institute', ORCID: 0000-0001-6726-7269



FLOOD CONTROL CHALLENGES: UNDERSTANDING CAUSES AND EFFECTIVE SOLUTIONS	Cherniuk Volodymyr, Lviv Polytechnic National University, ORCID: 0000-0001-7913-579X
	Femiak Volodymyr, Lviv Polytechnic National University, ORCID: 0009-0002-4269-6184
METHODOLOGY OF USING EDUCATIONAL TRAININGS IN THE PROCESS OF TEACHING THE INTEGRATED COURSE «HEALTH, SAFETY AND WELL-BEING»	Mehem Olesya Mykolaivna, Candidate of Pedagogical Sciences, associate professor, Oleksandr Dovzhenko Hlukhiv National Pedagogical University, ORCID: 0000-0002-1871-8497

8. Medicine and healthcare

FLOOD CONTROL CHALLENGES: UNDERSTANDING CAUSES AND EFFECTIVE SOLUTIONS	Vovk Lesya, Lviv Polytechnic National University, ORCID: 0000-0001-5396-301X
PHYSICAL EDUCATION AS ONE OF THE BASIS OF FORMING A CULTURE OF HEALTH IN RURAL SCHOOLCHILDREN.ELEMENTS OF REHABILITATION	Popovych Dariya, Doctor of Medical Sciences, professor, I.Horbachevsky Ternopil national medical university, ORCID: 0000-0002-5142-2057
	Dabybida Nataliia , Candidate of Biological Sciences, associate professor, I.Horbachevsky Ternopil national medical university, ORCID: 0000-0002-7746-4829
MIGRATION CRISIS IN UKRAINE: SCALE, CHALLENGES, ECONOMIC CONSEQUENCES AND WAYS TO OVERCOME IT UNDER MARTIAL LAW	Kisera Tetiana, Student, National Aviation University, ORCID:
HYGIENE DIAGNOSTICS OF REGULARITIES THE PROCESSES OF PSYCHOPHYSIOLOGICAL AND MENTAL ADAPTATION OF SCHOOL-AGE PUPILS: MODERN APPROACHES	Mostova Olha Petrivna, Doctor of Medical Sciences, professor, ORCID: 0000-00032-0108-9302
ANALYSIS OF THE MARKETING COMPLEX OF A CHARITABLE FOUNDATION: UKRAINIAN REALITIES	Shevchenko Valentyna Mykolaivna , Candidate of Public Administration, associate professor, Alfred Nobel University, Dnipro, ORCID: 0000-0003-0614-0648
CORRECTION OF IRON DEFICIENCY CONDITIONS IN ACTIVE BLOOD DONORS AND THEIR CLINICAL SIGNIFICANCE IN MEDICAL PRACTICE	Maikut-Zabrodska Ivanna, Shupyk National Healthcare University of Ukraine, Kyiv, ORCID:
	Kuziv O., Doctor of Medical Sciences, professor, Ternopil National Medical University, Ternopil, ORCID:

10. Agriculture, forestry, fisheries and water management

ASPECTS OF OPTIMIZATION OF FISHERIES EXPLOITATION OF SMALL RESERVOIRS IN SOUTHERN UKRAINE ON THE EXAMPLE OF DANILIVSKY RESERVOIR	Shevchenko Viktor Yriyovuch, Candidate of Agricultural Sciences, associate professor, Kherson State Agrarian and Economic University, ORCID: 0000-0002-5428-5799
	Melnychenko Sofiia Hennadiivna, graduate student, Kherson State Agrarian and Economic University, ORCID: 0000-0002-5940-7943



OBJECT RECOGNITION SYSTEMS USING INTELLIGENT TECHNOLOGIES IN UAV	Tverdokhlib Arsenii Oleksandrovich, graduate student, State University information and communication technologies, ORCID: 0000-0002-6591-2866
--	---

13. Economics and trade

MODERN SYSTEM OF PREVENTION OF STRESS CONDITIONS IN THE MILITARY	Tovstukha Olesia Mykolaivna, Candidate of Pedagogical Sciences, associate professor, Luhansk Taras Shevchenko National University, ORCID: 0000-0001-7998-1208
MATHEMATICAL MODEL OF THE STATIC MODE OF THE LOW-TEMPERATURE SEPARATION PROCESS	Yednak Ihor Stepanovych, Postgraduate Student, National Technical University of Oil and Gas, ORCID:
TECHNOLOGIES OF WATER CLARIFICATION WITH RUFF FIBRED MEDIUM	Omelchenko Mykola Pavlovych, Candidate of Engineering Sciences, associate professor, Donbas National Academy of Civil Engineering and Architecture, ORCID: 0000-0003-0738-9058
	Kovalenko Ludmyla Ivanivna, Candidate of Engineering Sciences, senior researcher, Donbas National Academy of Civil Engineering and Architecture, ORCID: 0000-0002-7405-8542
FUNDAMENTALS OF PIEZORESONANT CAPACITANCE-CONTROLLED MECHANOTRONIC TRANSDUCERS: DESIGN AND CONSTRUCTION	Taranchuk Alla, candidate of technical sciences, associate professor, Khmelnytskyi National University, ORCID: 0000-0001-9686-8784

14. Management and marketing

ASPECTS OF OPTIMIZATION OF FISHERIES EXPLOITATION OF SMALL RESERVOIRS IN SOUTHERN UKRAINE ON THE EXAMPLE OF DANILIVSKY RESERVOIR	Honcharova Olena Viktorivna, Candidate of Agricultural Sciences, associate professor, Kherson State Agrarian and Economic University, ORCID: 0000-0002-9702-7458
HR MANAGEMENT OF ORGANIZATIONS IN THE CONDITIONS OF BEHAVIORAL ECONOMY	Gudz Maryna Viktorivna, Doctor of Economics, professor, National University «Zaporizhzhia Polytechnik», ORCID: 0000-0002-1454-4987
MIGRATION CRISIS IN UKRAINE: SCALE, CHALLENGES, ECONOMIC CONSEQUENCES AND WAYS TO OVERCOME IT UNDER MARTIAL LAW	Pozniak Oksana Volodymyrivna, Candidate of Economics, associate professor, National Aviation University, ORCID: 0000-0003-0701-9698
HYGIENE DIAGNOSTICS OF REGULARITIES THE PROCESSES OF PSYCHOPHYSIOLOGICAL AND MENTAL ADAPTATION OF SCHOOL-AGE PUPILS: MODERN APPROACHES	Serheta Ihor Volodymyrovych, Doctor of Medical Sciences, professor, National Pirogov Memorial Medical University, Vinnytsya, Ukraine, ORCID: 0000-0002-4439-3833



FEATURES OF THE PROFESSIONAL AND PERSONAL DEVELOPMENT OF FUTURE TEACHERS IN THE CULTURAL AND EDUCATIONAL AREA	Zviekova Viktoriia, Candidate of Pedagogical Sciences, associate professor, Izmail State Humanitarian University, ORCID: 0000-0002-6044-8814
FORMATION AND IMPROVEMENT OF CORPORATE MANAGEMENT PERSONNEL	Kryvoruchko Oksana, Doctor of Economics, professor, Kharkiv National Automobile and Highway University, ORCID: 0000-0003-0967-7379
CORRECTION OF PHYSICAL DEVELOPMENT IN PRESCHOOL AGE	Bashtovenko Oksana, Candidate of Biological Sciences, associate professor, Ishmael State University of Humanities, ORCID: 0000-0002-6793-7880
EMOTIONAL COMPONENT OF EMPLOYEE NEEDS IN THE MOTIVATIONAL SYSTEM	Yuliia Shiron, Postgraduate Student, Lviv Polytechnic National University, ORCID: 0000-0001-6705-8096
STUDY OF THE RELEVANCE OF THE SOCIO-ECONOMIC COMPONENT OF THE GOALS OF ACHIEVING SUSTAINABLE DEVELOPMENT OF AGRARIAN BUSINESS AND FOOD SECURITY OF THE REGION	Bashlai Serhii, Candidate of Economics, associate professor, Sumy National Agrarian University, ORCID: 0000-0002-2247-5440
ANALYSIS OF THE MARKETING COMPLEX OF A CHARITABLE FOUNDATION: UKRAINIAN REALITIES	Mishustina Tetiana Serhiivna, Candidate of Economics, associate professor, Alfred Nobel University, Dnipro, ORCID: 0000-0003-1295-3303
	Slepchenko Anna Olehivna, Student, Alfred Nobel University, Dnipro, ORCID:

16. Education and pedagogy

APPLICATION OF REMOTE INDUSTRIAL MONITORING SYSTEMS (RIMS) IN MANUFACTURING	Kulinich Tetiana, Candidate of Economics, associate professor, Lviv Polytechnic National University, ORCID: 0000-0003-0110-7080
CORRECTION OF IRON DEFICIENCY CONDITIONS IN ACTIVE BLOOD DONORS AND THEIR CLINICAL SIGNIFICANCE IN MEDICAL PRACTICE	Derpak Yuriy Yu., Doctor of Medical Sciences, associate professor, State Establishment "Lugansk State Medical University", Rivne, ORCID: 0000-0003-0546-4325

17. Physical education and sport

FORMATION AND IMPROVEMENT OF CORPORATE MANAGEMENT PERSONNEL	Kovalova Oksana, Candidate of Economics, National bank of Ukraine, ORCID:
---	---

18. Psychology and sociology

EMOTIONAL COMPONENT OF EMPLOYEE NEEDS IN THE MOTIVATIONAL SYSTEM	Liana Chernobay, Candidate of Economics, professor, Lviv Polytechnic National University, ORCID: 0000-0003-3200-0470
--	--



20. Philology, linguistics and literary criticism

ECONOMIC MECHANISMS OF BUSINESS TRANSFORMATIONS AND NEW DEVELOPMENT TENDENCIES OF ACCOUNTING AND ANALYTICAL AND AUDITING COMPONENTS IN THE CONSTRUCTION INDUSTRY AND HOUSING AND UTILITIES	Akopov Sergij Eduardovych, The North-Ukrainian Institute of the Private Joint Stock Company "Higher education institution "The Interregional Academy of Personnel Management", ORCID: 0000-0002-3953-0258
--	---

April 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