

International scientific symposium

DeSympPromonographOrg

Symposium program

INNOVATION IN MODERN SCIENCE

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 450 doctors of sciences in all areas of the symposium. Learn more at <https://desymp.promonograph.org>



May 29, 2025: The beginning of the sections of the Symposium.

1. Innovative machinery, technology and industry

MULTI-TIME-SCALE WIND POWER PREDICTION MODELS: A REVIEW	Mysak Pavlo Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-8326-1729
	Mysak Ihor Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-1662-6636
EU REGULATIONS IN AI IN THE ENERGY SECTOR: A Review	Mysak Pavlo Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-8326-1729
	Mysak Ihor Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-1662-6636
A REVIEW OF THE EUROPEAN ELECTRICITY MARKET	Mysak Pavlo Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-8326-1729
	Mysak Ihor Vasylovych Lviv Polytechnic National University - ORCID 0000-0002-1662-6636
BENCHMARKING ANALYSIS OF PRODUCTION TECHNOLOGIES CELLULAR CONCRETE	Zhuk Arina , master's degree , Kyiv National University of Civil Engineering and Architecture - ORCID
	Zakharchenko Petro, Candidate of Technical Sciences, Professor Kyiv National University of Civil Engineering and Architecture - ORCID 0000-0001-9172-0940
	Onoprienko Valery, graduate student , Kyiv National University of Civil Engineering and Architecture - ORCID 0000-0003-0168-8364
MECHANISM OF AUSTENITE–CARBIDE COLONY GROWTH IN A DIFFUSION COUPLE	Chornoivanenko Kateryna, Candidate of Technical Sciences, Associate Professor Ukrainian State University of Science and Technologies - ORCID 0000-0003-1613-7784
	Povzlo Yevhen Ukrainian State University of Science and Technologies - ORCID 0009-0008-1432-8003

2. Computer science, cybernetics and automation

OPTIMIZATION OF NETWORK INFRASTRUCTURE TO ENSURES RESILIENCE, SECURITY AND SCALABILITY	Golubenko Oleksandr Ivanovych, Candidate of Technical Sciences, Associate Professor IHE «Academician Yuri Bugay international science and technical university» - ORCID 0000-0002-1776-5160
	Tverdokhlib Arsenii Oleksandrovich, graduate student , State University information and communication technologies - ORCID 0000-0002-6591-2866
	Balvak Andrii Anatolijovych, graduate student , State University information and communication technologies - ORCID 0000-0002-6441-8225
	Buriak Myroslav Serhiiovych, graduate student , State University information and communication technologies - ORCID 0009-0005-3335-4520
	Vostrikov Sergii Oleksandrovych, graduate student , State University information and communication technologies - ORCID 0009-0008-8425-8872
	Yurii Mishkur Valentynovych, graduate student , State University information and communication technologies - ORCID 0009-0004-6807-6914



	Ziniar Denys Arkadiiovych, graduate student , State University information and communication technologies - ORCID 0009-0003-6385-5866
	Dziysiak Vladyslav Hennadiiovych, graduate student , State University information and communication technologies - ORCID 0009-0000-3363-4067
	Antonenko Artem Vasylovych, Candidate of Technical Sciences, Associate Professor National University of Life and Environmental Sciences of Ukraine - ORCID 0000-0001-9397-1209

3. Security systems in the modern world

TRAINING OF EMPLOYEES FOR OBTAINING A PERMIT TO PERFORM HIGH-RISK WORK USING VIRTUAL REALITY TOOLS	Tverdokhliebova Natalia, Candidate of Psychological Sciences, Associate Professor National Technical University «Kharkiv Polytechnic Institute» - ORCID 0000-0003-3139-4308
	Semenov Yevhenii, Candidate of Technical Sciences, Associate Professor National Technical University «Kharkiv Polytechnic Institute» - ORCID 0000-0001-9280-947X
THE USE OF IMMERSIVE TECHNOLOGIES AS AN INNOVATIVE ELEMENT OF THE SAFETY AND SECURITY SYSTEM FOR PERSONNEL OF MACHINE-BUILDING ENTERPRISES	Tverdokhliebova Natalia, Candidate of Psychological Sciences, Associate Professor National Technical University «Kharkiv Polytechnic Institute» - ORCID 0000-0003-3139-4308
	Semenov Yevhenii, Candidate of Technical Sciences, Associate Professor National Technical University «Kharkiv Polytechnic Institute» - ORCID 0000-0001-9280-947X
MODERN INTRUSION DETECTION AND PREVENTION SYSTEMS: ARCHITECTURE, TOOLS, AND ANALYTICAL METHODS	Korobeinikova Tetiana Ivanivna, Candidate of Technical Sciences, Associate Professor Lviv National Technical University - ORCID 0000-0003-2487-8742

6. Physics and mathematics

LAYER-BY-LAYER WAVE-PACKET PROPAGATION IN STRESS AND DISPLACEMENT FIELDS OF LAMINATED STRUCTURES	Pysarenko Alexander Mykolayovich, Candidate of Physical and Mathematical Sciences, Associate Professor Odessa State Academy of Civil Engineering and Architecture - ORCID 0000-0001-5938-4107
---	---

7. Chemistry and pharmaceuticals

DEVELOPMENT OF A NEW DOSAGE FORM WITH POTENTIAL ANTIBURN EFFECT ON THE MODEL OF THERMAL INJURIES IN RATS	Molodan Yulia, graduate student , International Humanitarian University - ORCID
	Borysiuk Iryna, Doctor of Pharmaceutical Sciences, Professor International Humanitarian University - ORCID
	Valivodz Iryna , Candidate of Biological Sciences , International Humanitarian University - ORCID



8. Medicine and healthcare

BIOMARKERS OF MYOCARDIAL REMODELING AND CORONARY RESERVE IN PATIENTS WITH STABLE ANGINA: THE PROGNOSTIC ROLE OF URIC ACID, NT-PROBNP AND CRP	Alsalama Mohammad Wathek Obeid, Doctor of Medical Sciences, Associate Professor Bukovinian State Medical University - ORCID 0000-0002-9333-6982
	Balan Anastasia Ruslaniuna, student , Bukovinian State Medical University - ORCID 0009-0004-5512-0728
	Tashchuk Viktor Korniyovych, Doctor of Medical Sciences, Professor Bukovinian State Medical University - ORCID 0000-0002-7988-5256
	Malinevska-Biliychuk Oleksandra Volodymyrivna, Doctor of Medical Sciences, Associate Professor Bukovinian State Medical University - ORCID 0000-0001-7635-396X
INNOVATIVE METHODS FOR ANALYSING HEART RHYTHM TURBULENCE IN PRECISION CARDIOLOGY	Amelina T.M., Candidate of Medical Sciences, Associate Professor Bukovinian State Medical University - ORCID 0000-0001-7629-914X
	Malinevska-Biliichuk O.V. Bukovinian State Medical University - ORCID 0000-0001-7635-396X
	Tashchuk V. K., Doctor of Medical Sciences, Professor Bukovinian State Medical University - ORCID 0000-0002-7988-5256
	Tashchuk M.V., graduate student , Bukovinian State Medical University - ORCID
MEASUREMENT OF BLOOD PRESSURE BY USING ARTIFICIAL NEURAL NETWORKS WITH ECG AND PPG SIGNAL PROCESSING	Viunytskyi Oleh Hennadiyovych National Aerospace University - ORCID 0000-0002-1806-6193
	Totskyi Oleksandr Volodymyrovych , Doctor of Technical Sciences, Professor National Aerospace University - ORCID

11. Geology, geophysics and geodesy

CONCEPTUAL FOUNDATIONS OF STRATEGIC MANAGEMENT OF AGRICULTURAL LANDS OF A TERRITORIAL COMMUNITY IN THE CONTEXT OF LAND AUDIT: INSTITUTIONAL APPROACHES AND PRACTICAL IMPLEMENTATION	Konstantinova Olena Viktorivna, Candidate of Economic Sciences , Odesa State Academy of Civil Engineering and Architecture - ORCID 0000-0002-9336-9215
DIGITAL TOPOGRAPHIC MAPPING IN UKRAINE: CURRENT STATE, CHALLENGES, AND DEVELOPMENT PROSPECTS	Likhva Nataliia Volodymyrivna Senior Lecturer Odesa State Academy of Civil Engineering and Architecture - ORCID 0000-0001-6656-5766
GEOGRAPHIC INFORMATION SYSTEMS IN PORT INFRASTRUCTURE MANAGEMENT: METHODOLOGY, IMPLEMENTATION, AND OPERATION	Stadnikov Volodymyr Vasylovich, Candidate of Technical Sciences, Associate Professor Odesa State Academy of Civil Engineering and Architecture - ORCID 0000-0002-2479-9780



13. Economics and trade

STATE FINANCIAL CONTROL IN UKRAINE UNDER MARTIAL LAW	Prutska Olena, Doctor of Economic Sciences, Professor Vinnytsia Institute of Trade and Economics of State University of Trade and Economics - ORCID 0000-0002-6272-3330
	Timoshenko Nataliia, Candidate of Economic Sciences, Vinnytsia Institute of Trade and Economics of State University of Trade and Economics - ORCID 0000-0002-2677-9783
	Zamkovyi Oleksii Vinnytsia Institute of Trade and Economics of State University of Trade and Economics - ORCID 0009-0000-4137-3573
DETECTION OF TAX AVOIDANCE METHODS	Pistunov Ihor Mykolayovych, Doctor of Technical Sciences, Professor National Technical University "Dnipro Polytechnic" - ORCID 0000-0002-9041-8368
	Prykhodchenko Oksana Yuriivna, Candidate of Economic Sciences, Associate Professor National Technical University "Dnipro Polytechnic" - ORCID 0000-0001-5080-737X
PROSPECTIVE BUSINESS DIRECTIONS IN THE CONDITIONS OF INSTABILITY AND CRISIS STAGE OF CYCLIC DEVELOPMENT OF THE GLOBAL ECONOMY	Obelets Tetiana Volodimirivna, Candidate of Economic Sciences, Associate Professor National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" - ORCID 0000-0002-1553-5150

14. Management and marketing

MANAGEMENT OF TERRITORIAL COMMUNITY DEVELOPMENT UNDER THE INFLUENCE OF A MULTIFACTORIAL ENVIRONMENT	Korchynska Oleksandra Ostapivna, Candidate of Economic Sciences, Associate Professor Lviv Polytechnic National University - ORCID 0000-0003-0028-1853
SYNERGY OF MANAGEMENT AND MARKETING PROCESSES IN THE DIGITAL ECONOMY: UKRAINIAN CONTEXT	Chepeliuk Marharyta, Doctor of Economic Sciences, Associate Professor National Aerospace University "Kharkiv Aviation Institute" - ORCID 0000-0002-1949-4747

16. Education and pedagogy

FORMATION OF PROFESSIONAL COMPETENCE OF SPECIAL EDUCATION SPECIALISTS	Kuleshova Viktoriia, Doctor of Pedagogical Sciences, Professor V.N.Karazin Kharkiv National University - ORCID 0000-0003-3559-6388
	Samoilova Iryna, Candidate of Pedagogical Sciences, Associate Professor Municipal establishment "Kharkiv humanitarian-pedagogical academy" of the Kharkiv regional council - ORCID 0000-0003-1933-525X



19. Philosophy

MANAGING THE DEVELOPMENT OF SMALL TOWNS IN UKRAINE	Radionova Liudmyla, Candidate of Philosophy, Associate Professor O.M.Beketov National University of Urban Economy in Kharkiv - ORCID 0000-0001-9691-1199
	Kozyrieva Nataliia, Candidate of Philosophy, Associate Professor O.M.Beketov National University of Urban Economy in Kharkiv - ORCID 0000-0002-1643-1871

21. Legal and political sciences

NORMOPROJECT ACTIVITY: APPROACHES TO UNDERSTANDING, PRINCIPLES OF IMPLEMENTATION AND WAYS OF IMPROVEMENT	Parkhomenko Nataliia Mykolaiivna, Doctor of Law Sciences, Professor Institute of state and law named V.M.Koretsky - ORCID 0000-0002-5870-9261
	Tarakhonych Tetiana Ivanivna, Candidate of Legal Sciences, Associate Professor Institute of state and law named V.M.Koretsky - ORCID 0000-0002-1586-5088

May 30, 2025: 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