



# *International scientific conference*

*SWorld&ProConference*

## **International scientific conference (USA)**

# **C** **Organization of scientific research in modern conditions '2025** **onference program**

*MARCH 20-21, 2025*

### **Organizing Committee:**

#### **Chairman:**

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

#### **Scientific Secretary:**

*Kuprienko S.V. candidate of technical sciences*

#### **Members of the organizing committee:**

*More than 400 doctors of sciences in all areas of the symposium. Learn more at [www.proconference.org](http://www.proconference.org)*



**March 20, 2025:** The beginning of the sections of the Conference.

#### Innovative machinery, technology and industry

<b>ORIENTATION OF CRYSTALLITES AND GRAINS ON THE WELD SURFACE DEPENDING ON THE IMAGE QUALITY</b>	Holovko Viktor, Doctor of Technical Sciences, E.O. Paton Electric Welding Institute of the NASU - ORCID 0000-0002-2117-0864
	Shtofel Olha, Candidate of Technical Sciences, E.O. Paton Electric Welding Institute of the NASU, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" - ORCID 0000-0003-0965-6340
	Korolenko Danilo, graduate student, E.O. Paton Electric Welding Institute of the NASU - ORCID 0009-0008-8582-5904
<b>INFLUENCE OF OVERHAUL TECHNOLOGY OF HYDRAULIC PUMPS OF THE NSh-K MODIFICATION ON THEIR POST-REPAIR DURABILITY</b>	Losikov Olexander Mykhailovych, Senior Lecturer, Ukrainian State University of Science and Technologies - ORCID 0009-0004-5523-7651
	Sidorenko Viktor Kononovych, Senior Lecturer, Ukrainian State University of Science and Technologies - ORCID 0009-0005-7610-4433
	Melyantsov Petro Timofiyovych, Candidate of Technical Sciences, Associate Professor, Dnipro State Agrarian and Economic University - ORCID 0000-0001-5937-4021

#### Computer science, cybernetics and automation

<b>MODELING ARIMA AND LSTM TIME SERIES MODELS IN PYTHON</b>	Doroshenko Iryna Viktorivna, Candidate of Physical and Mathematical Sciences, Associate Professor, Chernivtsi National University - ORCID 0000-0001-8729-1768
	Tarasov Maksym Serhiyovych, master's degree, Chernivtsi National University - ORCID
<b>CREATING A MODEL OF MOBILE LOCATION</b>	Terentyev Olexander Olexandrovich, Doctor of Technical Sciences, Professor, Kyiv National University of Construction and Architecture - ORCID 0000-0001-6995-1419
	Gorbatyuk Ievgenii Volodymyrovych, Candidate of Technical Sciences, Associate Professor, Kyiv National University of Construction and Architecture - ORCID 0000-0002-8148-5323
	Tyslenko Oleksandr Borysovych, graduate student, Kyiv National University of Construction and Architecture - ORCID
	Bykov Vadym Serhiiovych, graduate student, Kyiv National University of Construction and Architecture - ORCID



## Development of transport and transport systems

<b>REVOLUTIONIZING TRANSPORTATION NETWORKS: AI-ENABLED SOLUTIONS FOR NEXT-GENERATION HIGHWAY SYSTEMS</b>	Balashov Andrii Olehovych, student, Ukrainian State University of Science and Technologies ESI PSACEA - ORCID 0009-0007-5833-0888
	Balashova Yuliia Borysivna, Candidate of Technical Sciences, Associate Professor, Ukrainian State University of Science and Technologies ESI PSACEA - ORCID 0000-0002-2286-9263
<b>DEVELOPMENT OF TRANSPORT AND TRANSPORT SYSTEMS</b>	Malishevska Alina , Candidate of Technical Sciences, Ukrainian State University of Railway Transport - ORCID 0000-0002-4780-7691

## Architecture and construction

<b>BIOPHILIC DESIGN AS A MEANS OF HARMONIZING THE ARCHITECTURAL ENVIRONMENT</b>	Tokar Viktor Oleksandrovych, Associate Professor, Odessa State Academy of Civil Engineering and Architecture - ORCID 0009-0009-1949-1667
	Gorgola Daria Romanivna, Odessa State Academy of Civil Engineering and Architecture - ORCID 0009-0007-3759-8287
	Nesterenko Diana Anatoliivna, Odessa State Academy of Civil Engineering and Architecture - ORCID 0009-0007-4682-2324
<b>CLASSIFICATION OF STYLE FEATURES OF THE GOTHIC STYLE</b>	Turikova Olena, Candidate of Pedagogical Sciences, Associate Professor, The Odessa State Academy of Civil Engineering and Architecture - ORCID
	Zelenska Veronika, student, The Odessa State Academy of Civil Engineering and Architecture - ORCID

## Physics and mathematics

<b>ON THE EXISTENCE OF OPTIMAL CONTROL FOR STOCHASTIC DIFFERENTIAL FUNCTIONAL EQUATIONS UNDER THE INFLUENCE OF EXTERNAL DISTURBANCES</b>	Yurchenko Igor Valeryjovych , Candidate of Physical and Mathematical Sciences, Associate Professor, Yuriy Fedkovych Chernivtsi National University - ORCID 0000-0001-9929-5758
<b>THERMOGRAPHY-BASED MONITORING OF REINFORCED COMPOSITES</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

## Medicine and healthcare

<b>ETIOLOGY AND CLINICAL CHARACTERISTICS OF INFECTIOUS MONONUCLEOSIS IN CHILDREN</b>	Mateiko Halyna Bohdanivna, Doctor of Medical Sciences, Professor, Ivano-Frankivsk National Medical University - ORCID 0000-0003-4512-4552
	Horbal Nataliia Bohdanivna, Ivano-Frankivsk National Medical University - ORCID 0000-0003-0198-6126
	Matvisiv Mariana Vasylivna, Candidate of Medical Sciences, Associate Professor, Ivano-Frankivsk National Medical University - ORCID 0000-0001-6745-1461



<b>MODERN CONCEPTUAL APPROACHES TO PROFESSIONAL COMPETENCE DEVELOPMENT IN THE CONTEXT OF SPECIALIZED TRAINING</b>	Karpenko Yuliia Petrivna, Candidate of Pedagogical Sciences, Associate Professor, Cherkasy Medical Academy - ORCID 0000-0002-3498-957X
	Bezuhla Nina Mykolaivna, Cherkasy Medical Academy - ORCID

#### Economics and trade

<b>THEORETICAL FOUNDATIONS AND DEVELOPMENT TRAJECTORIES OF UKRAINE'S CREATIVE ECONOMY</b>	Fomenko Valerii, graduate student, Ukrainian State University of Science and Technology, SEI «Prydniprovsk State Academy of Civil Engineering and Architecture» Dnipro - ORCID 0009-0008-4786-3184
<b>STATE FINANCIAL POLICY AND MECHANISMS OF ITS IMPLEMENTATION</b>	Kaneva Tetiana V., Doctor of Economic Sciences, Professor, State University of Trade and Economics - ORCID 0000-0002-3302-9593
	Osyka Oleksii V., State University of Trade and Economics - ORCID 0009-0006-4295-1332
<b>BIBLIOMETRIC ANALYSIS OF PUBLICATIONS ON ECONOMIC SECURITY OF OIL AND GAS COMPANIES</b>	Vitryk Ihor, National University «Yuri Kondratyuk Poltava Polytechnic» - ORCID 0009-0004-8931-9209

#### Management and marketing

<b>THE IMPACT OF STRATEGIC COMMUNICATION AND CORRESPONDENCE ON HUMAN RESOURCE MANAGEMENT PRACTICES</b>	Jorovlea Elvira Leon, Doctor of Economic Sciences, Associate Professor, ASEM - ORCID 0000-0001-8184-9951
	Baieşu Marina, Doctor of Economic Sciences, Associate Professor, ASEM - ORCID 0000-0003-1274-6347

#### Education and pedagogy

<b>INTERCURRICULAR INTEGRATION IN THE STUDY OF CHEMICAL DISCIPLINES BY FUTURE MASTERS</b>	Karpenko Yuliia Petrivna, Candidate of Pedagogical Sciences, Associate Professor, Cherkasy Medical Academy - ORCID 0000-0002-3498-957X
<b>CREATIVE ASPECTS IN PEDAGOGY</b>	Korniienko Liudmyla Mykhailivna, Senior Lecturer, Sumy National Agrarian University - ORCID 0000-0002-0727-3250
<b>DEVELOPING GLOBAL COMPETENCE CONDITIONS AT MEMORIAL UNIVERSITY OF NEWFOUNDLAND</b>	Olena Anatoliivna Ovcharenko, graduate student, State Institution "Luhansk National Taras Shevchenko University" - ORCID 0000-0002-2426-6386
<b>PREPARATION FOR ENGLISH PART OF KROK 1</b>	Samoilenko O.V., Candidate of Philological Sciences, Associate Professor, Donetsk national medical university - ORCID 0000-0001-5040-874X
	Kornieieva O.M., Senior Lecturer, Donetsk national medical university - ORCID



## Psychology and sociology

<b>CREATIVITY OF LEFT-HANDED SCHOOLCHILDREN: FEATURES OF CONTENT AND AGE DYNAMICS</b>	Viatokha Iryna Yuriivna, Candidate of Psychological Sciences, Associate Professor, Ukrainian Institute of Arts and Science - ORCID 0009-0007-9006-9707
---	--

## Philosophy

<b>WORLDVIEW ASPECT OF THE PROBLEM OF UNIVERSALS IN SOCIOLOGY</b>	Kornienko Olexandr Mykolayovych, Candidate of Philosophy, Associate Professor, Sumy National Agrarian University - ORCID 0000-0001-7320-8601
<b>THE THEOLOGY OF MARRIAGE AND FAMILY: SACRED TEXTS AND DOCTRINAL FOUNDATIONS</b>	Shamsutdynova- Lebediuk Tetyana, Candidate of Philosophy, Associate Professor, Rivne State University of the Humanities - ORCID 0000-0002-1157-3248
	Lyalyovych Vjlodymyr, graduate student, Rivne State University of the Humanities - ORCID 0009-0006-9973-9463

## Philology, linguistics and literary criticism

<b>EXPLICIT &amp; IMPLICIT/TACIT KNOWLEDGE MANAGEMENT SYSTEMS IN PHILOLOGY</b>	Krasniuk S.O., Senior Lecturer, Kyiv National University of Technologies and Design - ORCID 0000-0002-5987-8681
<b>REPRESENTATION OF THE CONCEPT "PATRIOTISM" (BASED ON THE BOOK "FOR UKRAINE, FOR DNIPRO 2014-2019")</b>	Tsiupiak Iryna Kostantunivna, Candidate of Philological Sciences, Associate Professor, National Technical University "Dnipro Polytechnic" - ORCID 0000-0002-9547-3390
	Ihnatieva Svitlana Yevgenivna, Candidate of Philological Sciences, Associate Professor, National Technical University "Dnipro Polytechnic" - ORCID 0000-0003-2217-4610

**March 21, 2025:** Summarizing. Recommendations for the publication of materials in the conference proceedings. Closing of the annual scientific-practical conference.

### Chairman of the Organizing Committee

Doctor of Technical Sciences, Professor, Academician

**A.G. Shibaev**

### SWorld Project Manager

Ph.D.



**S.V. Kuprienko**