



*International scientific conference*

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**International scientific conference (Germany, Karlsruhe)**

# **C** World scientific and technical trends '2023 **onference program**

DECEMBER 20-21, 2023

## **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:**

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**December 20, 2023:** The beginning of the sections of the Conference.

### **Innovative technique, technology and industry**

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| APPLICATION OF THE PULSATION MODE OF FUEL COMBUSTION IN BOILER UNITS | Hlushchenko O.L., Candidate of Technical Sciences, assistant professor, Dniprovsk State Technical University                    |
|  | Litvinov M., master, Dniprovsk State Technical University   |
| ADJUSTMENT OF THE TRAJECTORY OF THE UNMANNED OBJECT                  | Ashhepkova Natalja Sergeevna, Candidate of Technical Sciences, assistant professor, Oles Honchar Dnipro National University     |
|  | Bondar A.S., student, Oles Honchar Dnipro National University   |
| SIMULATION OF MOVEMENT OF THE GRIP POLE OF THE MANIPULATOR           | Ashhepkova Natalja Sergeevna, Candidate of Technical Sciences, assistant professor, Oles Honchar Dnipro National University     |
|  | Opshitosh N.O., master, Oles Honchar Dnipro National University   |
| BASES OF DESIGN AND CALCULATION OF REINFORCED CONCRETE STRUCTURES    | Hud Mykhailo Ivanovych, Candidate of Technical Sciences, assistant professor, Ternopil Ivan Puluj National Technical University |
|  | Meshcheryakova Olga Mykhailivna , Senior Lecturer, Ternopil Ivan Puluj National Technical University                            |
|  | Kachor Andrii Vasylovych, student, Ternopil Ivan Puluj National Technical University  |
|  | Hud Volodymyr Ivanovych, graduate student, Ternopil Volodymyr Hnatiuk National Pedagogical University                           |

### **Computer science, cybernetics and automation**

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| COLLABORATION OF FUZZY LOGIC AND NEURAL NETWORKS | Marchuk G.V., Senior Lecturer, Zhytomyr Polytechnic State University         |
|  | Marchuk Dmytro, graduate student, Zhytomyr Polytechnic State University      |
|  | Kravchenko Svitlana , Senior Lecturer, Zhytomyr Polytechnic State University |
|  | Levkivskyi Vitalii, Senior Lecturer, Zhytomyr Polytechnic State University   |

**Security systems in the modern world**

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| HAZARD RISK<br>MANAGEMENT, BUILDING<br>TREE | Donchenko Dmytro Ruslanovych, student, Kyiv National University of Construction and Architecture            |
|   | Stefanovych Ivan Stanislavovych, Senior Lecturer, Kyiv National University of Construction and Architecture |
|   | Stefanovych Pavlo Ivanovych, Senior Lecturer, Kyiv National University of Construction and Architecture     |

**Chemistry and pharmaceuticals**

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| GREEN CHEMISTRY TRENDS<br>IN THE CONTEXT OF THE<br>CONCEPT OF SUSTAINABLE<br>DEVELOPMENT | Stetsenko Nataliia, PhD in Chemistry, assistant professor, National University of Food Technologies                |
|  | Bublienko Nataliia, Candidate of Technical Sciences, assistant professor, National University of Food Technologies |

**Economy and trade**

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| IMPORT SUBSTITUTION<br>STRATEGIES ON THE<br>BUILDING MATERIALS<br>MARKET OF UKRAINE | Alaverdian Liudmyla, Candidate of Economic Sciences, assistant professor, Kyiv National University of Construction and Architecture         |
|   | Romanenko Olesia Valeriivna, Candidate of Economic Sciences, assistant professor, Kyiv National University of Construction and Architecture |

**Management and marketing**

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| INFORMATIVE PROVIDING<br>OF THE INNOVATION<br>PARADIGM | Smirnova Nadiya, Candidate of Economic Sciences, assistant professor, Central Ukrainian National Technical University |
|  | Smirnova Iryna, Candidate of Economic Sciences, assistant professor, Central Ukrainian National Technical University  |

**Education and pedagogy**

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| ACADEMIC DISHONESTY IN THE EDUCATIONAL PROCESS  | Krupko Olena, PhD in Chemistry, Bukovinian State Medical University   |
|   | Slizak Oleksandr, student, Bukovinian State Medical University  |
| QUASI-PROFESSIONAL ACTIVITY AS A CONDITION FOR THE FORMATION OF THE INNOVATION-ORIENTED PERSONALITY OF THE FUTURE TEACHER OF PHYSICAL EDUCATION | Dmitriieva Nikol Subkhanivna, graduate student, Department of Educology and Psychological and Pedagogical Sciences Borys Grinchenko Kyiv University |

**Psychology and sociology**

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| THE ROLE OF HUMANITARIAN TRAINING OF FUTURE SPECIALISTS IN THE FINANCIAL SPHERE                              | Pavlenko Ilya, student, National Academy of Statistics, Accounting and Audit   |
| OVERCOMING THE OBSTACLES OF DIALOGICAL COMMUNICATION OF DISABLED STUDENTS IN THE INCLUSIVE EDUCATIONAL SPACE | Voloshchuk Maryna, Senior Lecturer, Educational and rehabilitation institution of higher education „Kamianets-Podilskyi state institute“ |
|  | Haponenko Larysa Alexandrine, Candidate of Pedagogical Sciences, assistant professor, Kryvyi Rih State Pedagogical University            |

**Philosophy**

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| ENVIRONMENTAL POLICY AND SUSTAINABLE DEVELOPMENT: CHALLENGES AND PROSPECTS FOR UKRAINE | Sobol Svitlana, graduate student, Volodymyr Dahl east ukrainian national university |
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**Legal and political sciences**

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| ARTIFICIAL INTELLIGENCE: PROBLEMS AND PROSPECTS OF LEGAL REGULATION IN UKRAINE | Pikulia Tetiana Oleksandrivna, Candidate of Legal Sciences, assistant professor, State Higher Educational Institution «Kyiv National Economic University named after Vadym Hetman» |
|  | Shornikova Sofia Olegivna, student, State Higher Educational Institution «Kyiv National Economic University named after Vadym Hetman»  |
| CURRENT TRENDS IN RELATIONS BETWEEN THE BALTIC STATES AND UKRAINE              | Mykytyna Viktoriia, student, Volodymyr Dahl East Ukrainian National University   |
|  | Mykhaylyuk Olena Igorivna, Candidate of Historical Sciences, assistant professor, Volodymyr Dahl East Ukrainian National University  |

**History**

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| A REVIEW OF THE SOURCES OF THE STATE ARCHIVE OF THE KHARKIV REGION ON THE PROBLEM OF COMBATING CORRUPTION AND BRIBERY IN THE UKRAINIAN PROVINCES IN THE SECOND HALF OF THE NINETEENTH AND EARLY TWENTIETH CENTURIES | Burylov Kostiantyn Vaulenovych, graduate student, Eastern Ukrainian National University named after V. Dal |
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**December 21, 2023:** 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**