



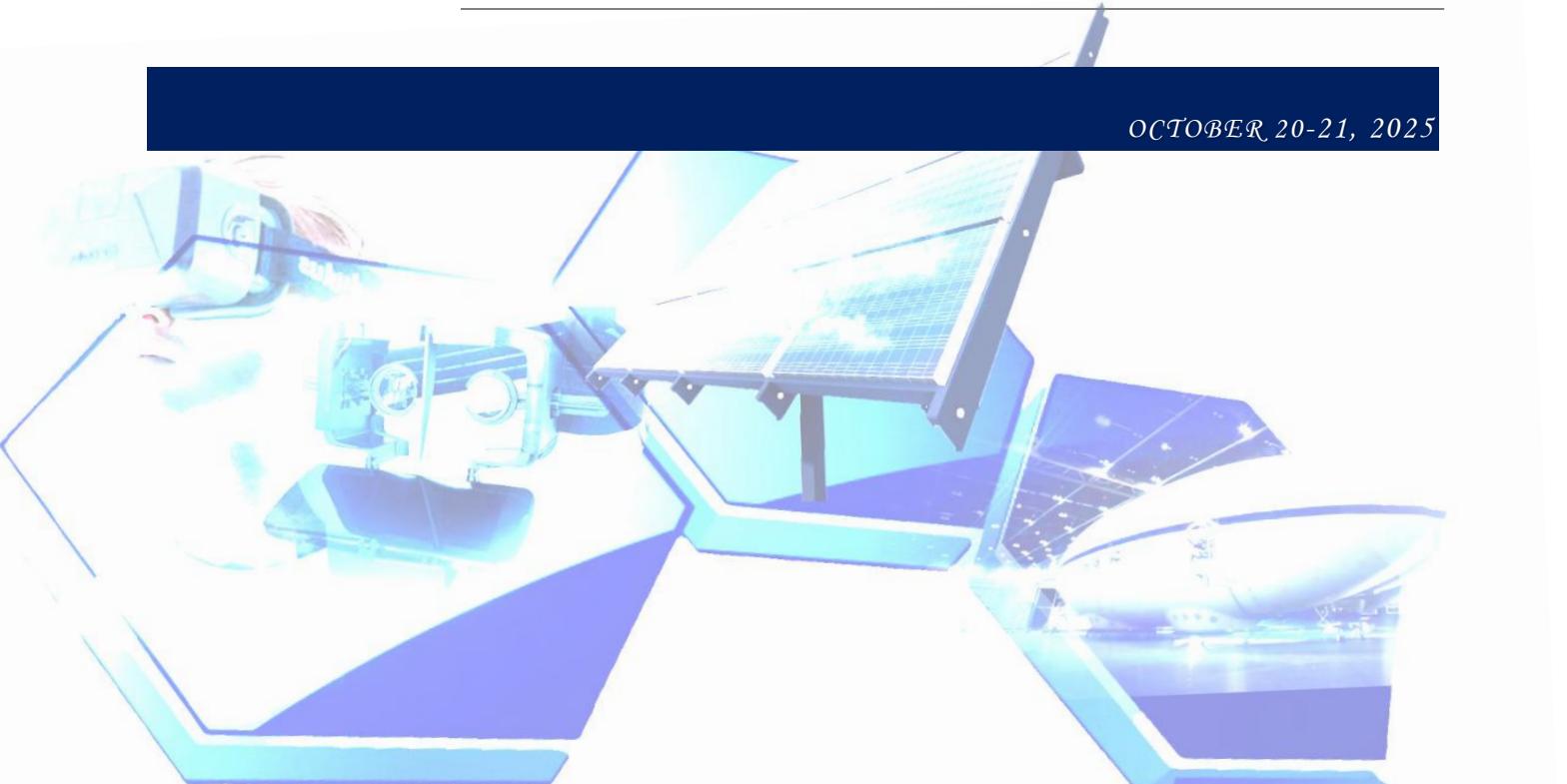
International scientific conference

ProConferenceOrg

International scientific conference (Germany, Karlsruhe)

C Technique and technology of the future '2025 **conference program**

OCTOBER 20-21, 2025



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October 20, 2025: The beginning of the sections of the Conference.

1. Innovative machinery, technology and industry

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| INNOVATIVE APPROACH TO THE DEVELOPMENT OF THE CONSTRUCTION INDUSTRY OF KAZAKHSTAN | <p>Adykhhanov Sanzhar Sayatovich, master's degree, Karaganda Technical University named after Abylkas Saginov - ORCID</p> <p>Zhamankulova Asel Maratovna, master's degree, Boston college - ORCID</p> |
| ASSESSMENT OF INVESTMENT ATTRACTIVENESS OF AN ENTERPRISE: INNOVATIVE ASPECT | <p>Aubakirova Gulnara Muslimovna, Doctor of Economic Sciences, Professor, Karaganda Technical University named after Abylkas Saginov - ORCID 0000-0003-0337-1539</p> <p>Kasimov Dias Eskenderovich, master's degree, Karaganda Technical University named after Abylkas Saginov - ORCID</p> |
| DIGITAL SOLUTIONS IN THE MINING AND METALLURGICAL SECTOR OF KAZAKHSTAN | <p>Aubakirova Gulnara Muslimovna, Doctor of Economic Sciences, Professor, Karaganda Technical University named after Abylkas Saginov - ORCID 0000-0003-0337-1539</p> <p>Issatayeva Farida Muratovna, Candidate of Economic Sciences, Karaganda Technical University named after Abylkas Saginov - ORCID 0000-0001-6208-3292</p> <p>Balakan Islam Murtuly, master's degree, Karaganda Technical University named after Abylkas Saginov - ORCID</p> |
| FEATURES OF IMPLEMENTING A FOOD SAFETY MANAGEMENT SYSTEM IN THE PRODUCTION OF YEAST-LAMINATED PASTRY | <p>Miroshnichenko D.V., Poltava University of Economics and Trade - ORCID</p> <p>Ivanov A.O., Poltava University of Economics and Trade - ORCID</p> <p>Tkachenko A.S., Doctor of Technical Sciences, Associate Professor, Poltava University of Economics and Trade - ORCID 0009-0008-6495-0810</p> <p>Tiurikova I.S., Doctor of Technical Sciences, Professor, Poltava University of Economics and Trade - ORCID 0000-0001-7091-0884</p> |
| TECHNOLOGICAL ADAPTATION OF REFLECTIVE MATERIALS IN THE SYSTEM OF CONTEMPORARY FOOTWEAR DESIGN | Dubrovin M.V., graduate student, Kyiv National University of Technologies and Design (KNUTD), - ORCID |

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| | <p>Kernesh V.P., Senior Lecturer, Kyiv National University of Technologies and Design (KNUTD), - ORCID 0000-0003-0572-4107</p> <p>Kuzina Nataliia Volodymyrivna, graduate student, Kyiv National University of Technologies and Design (KNUTD), - ORCID 0009-0009-2586-3762</p> |
| <p>ASYMPTOTIC ASSESSMENT OF LOADS IN THE WIND TURBINE BLADE ATTACHMENT TO THE HUB</p> | <p>Bilova Oksana Viktorivna, Candidate of Physical and Mathematical Sciences, Associate Professor, UDUNT - ORCID 0000-0001-6258-6164</p> |
| <p>REDUCING FUEL CONSUMPTION AND ENVIRONMENTAL POLLUTION THROUGH THE USE OF NANOMATERIAL ADDITIVES IN FUEL</p> | <p>Latysh O.M., Senior Lecturer, National University "Odessa Maritime Academy" - ORCID 0000-0001-8914-2889</p> |
| <p>QUANTITATIVE ASSESSMENT OF REPAIR TECHNOLOGY OF HYDRAULIC CYLINDERS OF TRACTOR HYDRAULIC SYSTEMS</p> | <p>Melyantsov Petro Timofiyovich, Candidate of Technical Sciences, Associate Professor, Dnipro State Agrarian and Economic University - ORCID 0000-0001-5937-4021</p> |
| <p>METHODOLOGY FOR RELIABILITY ASSESSMENT OF RELAY PROTECTION AND AUTOMATION DEVICES</p> | <p>Viznovich Vitalij Vasyliovich, student, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID</p> |
| | <p>Fedoriv Mykhaylo Yosyfovych, Candidate of Technical Sciences, Associate Professor, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID 0000-0002-8917-4159</p> |
| | <p>Kurlyak Petro Omelyanovich, Candidate of Technical Sciences, Associate Professor, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID 0000-0001-8113-5211</p> |
| | <p>Batsala Yaroslav Vasyljovych, Candidate of Technical Sciences, Associate Professor, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID</p> |
| | <p>Hlad Ivan Vasyljovych, Candidate of Technical Sciences, Associate Professor, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID</p> |

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| | Yatskivky Andrij Yaroslavovich, student, Ivano-Frankivsk National Technical University of Oil and Gas - ORCID |
| FEATURES CALCULATIONS OF DYNAMIC MODES OF THE ELECTRICAL SYSTEM | Iegorov Oleksiy, Candidate of Technical Sciences, Associate Professor, O.M. Beketov National University of Urban Economy in Kharkiv - ORCID 0000-0003-2599-1624 |
| | Iegorova Olga, Candidate of Technical Sciences, Associate Professor, National Technical University «Kharkiv Polytechnic Institute» - ORCID 0000-0001-8593-1557 |
| | Glebova Marina, Candidate of Technical Sciences, Associate Professor, O.M. Beketov National University of Urban Economy in Kharkiv - ORCID 0000-0002-0973-150X |
| | Forkun Jana, Candidate of Technical Sciences, Associate Professor, O.M. Beketov National University of Urban Economy in Kharkiv - ORCID 0000-0002-5718-1426 |
| FEATURES OF DRYING ZEOLITE 13X IN A MICROWAVE FIELD | Hrechanovskyi Andrii Pavlovich, graduate student, Odesa National University of Technology - ORCID 0000-0002-8257-5769 |

2. Computer science, cybernetics and automation

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| APPLICATION OF LARGE LANGUAGE MODELS IN ENTERPRISE AUTOMATION | Tsymbal A.S., master's degree, National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute» - ORCID 0009-0006-8786-8428 |
| DESIGN OF AN INFORMATION ACQUISITION SYSTEM FOR THERMOPHYSICAL EXPERIMENTS ON LOW-POTENTIAL HEAT STORAGE SYSTEMS | Mukminov Ihor Ihorovych, Candidate of Technical Sciences, Odesa National University of Technology - ORCID 0000-0002-3674-9289 |

4. Development of transport and transport systems

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| LEGAL SUPPORT AND OPTIMISATION OF BULK CARGO TRANSPORTATION | Prodashchuk Svitlana Mykolaivna , Candidate of Technical Sciences, Associate Professor, Ukrainian State University of Raiway Transport - ORCID 0000-0002-7673-3863 |
| | Kim Kateryna Volodymyrivna, Candidate of Technical Sciences, Associate |

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| | Professor, Ukrainian State University of Raiway Transport - ORCID 0000-0002-5231-2554 |
| | Bohomazova Hanna Yevgenivna , Candidate of Technical Sciences, Associate Professor, Ukrainian State University of Raiway Transport - ORCID 0000-0002-8042-0624 |

5. Architecture and construction

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| EVOLUTION OF ARCHITECTURAL SKETCHING FROM HAND GRAPHICS TO DIGITAL MEDIA | Riezanova Kateryna Andriyivna, Yuriy Fedkovych Chernivtsi National University - ORCID 0009-0002-8113-2701 |
| | Ovsienko Olga Vitaliyivna, Yuriy Fedkovych Chernivtsi National University - ORCID 0009-0008-8179-2885 |
| | Sobko Yulia Tarasivna, Yuriy Fedkovych Chernivtsi National University - ORCID 0009-0006-5982-329X |

8. Medicine and healthcare

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| ENDOTHELIN-1 CONTENT IN BLOOD AS A POSSIBLE BIOMARKER OF DIABETIC RETINOPATHY | Serdiuk Anton Valeriyovych, Candidate of Medical Sciences, Dnipro State Medical University - ORCID 0000-0003-4909-8662 |
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10. Agriculture, forestry, fisheries and water management

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| DEVELOPMENT OF CLOSED-LOOP PRODUCTION SYSTEMS IN AGRICULTURAL ENTERPRISES: FROM FIELD TO FINAL PRODUCT | Vovk Bohdan Ivanovich, Candidate of Pedagogical Sciences, Associate Professor, Oleksandr Dovzhenko Hlukhiv National Pedagogical University - ORCID 0000-0003-1161-7818 |
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11. Geology, geophysics and geodesy

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| APPLICATION OF GIS IN THE NATIONAL SECURITY AND DEFENSE SYSTEM OF UKRAINE | Humeniak Roman Ivanovich, graduate student, National University of Life Resources and Environmental Sciences of Ukraine - ORCID 0009-0008-6529-5686 |
| | Ievsiukov Taras Oleksiyovych, Candidate of Economic Sciences, Professor, National University of Life Resources and |

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| | Environmental Sciences of Ukraine - ORCID 0000-0002-0992-5582 |
| | Slyusar Yevhenii Ivanovich, graduate student, State University «Zhytomyr Polytechnic» - ORCID 0009-0009-9325-9946 |

13. Economics and trade

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| FEATURES OF THE DEVELOPMENT OF TOOLS FOR PLANNING INNOVATION ACTIVITY OF ENTERPRISES | Gnylianska Lesia, Candidate of Economic Sciences, Associate Professor, National University «Lviv Polytechnic» Department of Management and International Entrepreneurship - ORCID 0000-0003-2924-7165 |
| VENTURE BUSINESS AS A PROGRESSIVE FORM OF SPREADING INNOVATION | Zamostnyi Volodymyr , graduate student, National University «Lviv Polytechnic» Department of Management and International Entrepreneurship - ORCID 0009-0009-2943-7779 |
| THE PROBLEM OF THE OBJECT AND SUBJECT OF RESEARCH IN THE MODERN METHODOLOGY OF MANAGEMENT SCIENCE | Soliar Viktoriia Vasylivna, Candidate of Economic Sciences, Associate Professor, H.S. Skovoroda Kharkiv National Pedagogical University - ORCID 0000-0002-2093-6303 |
| | Polishchuk Dmytro, Ukrainian State Aviation Academy - ORCID |
| | Artemenko Maryna, Ukrainian State Aviation Academy - ORCID |
| | Zarechniy Oleksiy, Ukrainian State Aviation Academy - ORCID |
| | Zhyvko Zinaida, Doctor of Economic Sciences, Professor, Ukrainian State Aviation Academy - ORCID 0000-0002-4045-669X |
| DIGITAL TRANSFORMATION OF MEDICAL EXPENSE INSURANCE: CLIENT-CENTERED APPROACHES AND INNOVATIVE SOLUTIONS | Loginova Anastasiia, graduate student, Kyiv National Economic University named after Vadym Hetman - ORCID 0009-0009-4185-3310 |
| FISCAL POLICY UNDER CONDITIONS OF GLOBAL RISKS AND ECONOMIC UNCERTAINTY | Kachula Svitlana Valentynivna, Doctor of Economic Sciences, Professor, Dnipro state agrarian and economic university - ORCID 0000-0003-2540-862X |
| BLOCKCHAIN AND SMART PORTS IN THE BLACK SEA BLUE ECONOMY | Yarovyi Viktor Igorovych, graduate student, Odessa National Maritime University - ORCID 0009-0004-6661-0917 |

14. Management and marketing

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| FROM DIVERSITY TO INCLUSION: IMPACTS ON ORGANIZATIONAL BEHAVIOR | Jorovlea Elvira Leon, Doctor of Economic Sciences, Associate Professor, ASEM - ORCID 0000-0001-8184-9951 Baieșu Marina, Doctor of Economic Sciences, Associate Professor, ASEM - ORCID 0000-0003-1274-6347 |
| ASSESSMENT AND DEVELOPMENT OF MOTIVATIONAL MECHANISMS FOR ATTRACTING AND RETAINING HUMAN RESOURCES IN ENTERPRISES UNDER WARTIME AND POST-WAR CONDITIONS | Bryukhovetskaya Nataliya Ye., Doctor of Economic Sciences, Professor, Institute of Industrial Economics of NAS of Ukraine - ORCID 0000-0002-6652-4523 Iievlev Viktor V., graduate student, Institute of Industrial Economics of NAS of Ukraine - ORCID 0009-0007-2234-8664 |
| STRATEGIES FOR ENSURING BUSINESS RESILIENCE UNDER UNCERTAINTY: TRENDS, RISKS, AND ADAPTIVE MODELS | Halushka Zoia Ivanivna, Doctor of Economic Sciences, Professor, Yriy Fedkovych Chernivtsi National University, Chernivtsi, - ORCID 0000-0003-0597-5221 |

15. Tourism and recreation

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| COMMUNICATION PRACTICES OF PREMIER HOTEL PALAZZO AS A TOOL OF TERRITORIAL BRANDING | Kalashnyk Olena Volodymyrivna, Candidate of Pedagogical Sciences, Associate Professor, Poltava State Agrarian University - ORCID 0000-0001-9281-2564 Moroz Svitlana Eduardivna , Candidate of Technical Sciences, Associate Professor, Poltava State Agrarian University - ORCID 0000-0001-7180-3060 |
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16. Education and pedagogy

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| RESILIENCE AND TRANSFORMATION OF UKRAINIAN EDUCATION IN THE CONTEXT OF WAR AND GLOBAL INTEGRATION | Shamsutdynova Mariam-Sofiia, Senior Lecturer, Rivne state university of the humanities - ORCID 00009-0001-3943-2447 |
| THE PRINCIPLE OF AMBIVALENCE IN JUDGEMENTS IN FOREIGN LANGUAGE TEACHING: THEORETICAL FOUNDATIONS AND | Holovko Iryna Olexiivna, Candidate of Pedagogical Sciences, Associate Professor, Central Ukrainian National Technical University, - ORCID 0000-0001-6690-4043 |

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| PRACTICAL IMPLEMENTATION | |
| THE ROLE OF COMPUTER-BASED TEST CONTROL IN THE OBJECTIVENESS OF ASSESSING STUDENTS' KNOWLEDGE LEVEL | Bodiaka Volodymyr Yuriyovich, Doctor of Medical Sciences, Associate Professor, Bukovina State Medical University - ORCID 0000-0003-1422-6652 |
| UNIVERSITY STUDENTS' COMPETENCES THAT CAN BE FORMED THROUGH AI USAGE WHILE STUDYING ESP | Golub Tetiana Petrivna, Candidate of Pedagogical Sciences, Associate Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" - ORCID 0000-0002-7757-880X |
| FEATURES OF TEACHING ACADEMIC WRITING TO STUDENTS OF TECHNICAL SPECIALTIES | Borysova Vira , Doctor of Pedagogical Sciences, Kyiv National University of Civil Engineering and Architecture - ORCID 0009-0007-5146-391X |
| | Borysova Zoia , Candidate of Philological Sciences, Associate Professor, Interregional Academy of Personnel Management, - ORCID 0009-0003-0088-3122 |
| GAMIFICATION AND MOTIVATION: TRANSFORMING LEARNING IN THE DIGITAL UNIVERSITY | Mudryi Yaroslav, Candidate of Pedagogical Sciences, Associate Professor, Yuriy Fedkovych Chernivtsi National University - ORCID 0000-0002-1632-9439 |
| | Mudra Olena, Candidate of Pedagogical Sciences, Associate Professor, Yuriy Fedkovych Chernivtsi National University - ORCID 0000-0002-8352-9166 |

18. Psychology and sociology

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| WAYS TO IMPROVE THE SYSTEM OF SOCIAL AND PSYCHOLOGICAL MECHANISMS OF MANAGEMENT ACTIVITIES | Cherusheva Galyna , Candidate of Pedagogical Sciences, Associate Professor, National Academy of Statistics, Accounting and Audit - ORCID 0000-0001-9652-0913 |
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20. Philology, linguistics and literary criticism

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| PSYCHOLOGICAL ASPECTS OF EFFECTIVE FOREIGN LANGUAGE TEACHING IN CONDITIONS OF INSTABILITY OR CRISIS | Krasniuk S.O., Senior Lecturer, Kyiv National University of Technologies and Design - ORCID 0000-0002-5987-8681 |
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22. History

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| MEMORIALS AND PLACES OF MEMORIAL: LOCAL AND NATIONAL DIMENSIONS | Sokolov Danylo Sergeevich, student, Kyiv National University of Civil Engineering and Architecture - ORCID |
| | Yaroshchuk Inna Volodymyrivna., Candidate of Historical Sciences, Associate Professor, Kyiv National University of Civil Engineering and Architecture - ORCID 0000-0001-8639-6648 |
| PUBLICATIONS OF DOCUMENTS IN UKRAINE IN THE SECOND HALF OF THE 20TH CENTURY: SOME ASPECTS OF THE PROBLEM | Dovzhuk Igor Volodymyrovych, Doctor of Historical Sciences, Professor, Hryhorii Skovoroda University in Pereiaslav - ORCID 0000-0001-6941-6336 |
| ROLE OF TECHNOLOGICAL INNOVATIONS IN THE TRANSFORMATION OF THE US REHABILITATION SYSTEM IN THE 1990S–2020S | Fedinskyi Oleksii Mikhailovich, graduate student, Dragomanov Ukrainian State University - ORCID 0009-0006-7006-5872 |

23. Art criticism and culture

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| PRIMARY SOURCES IN THE STUDY OF IVAN TRUSH'S WORK: PUBLICATIONS, MEMOIRS, EPISTOLARY WORKS, ARCHIVAL DOCUMENTS | Yamash Yuri Volodumurovuch, Candidate of Art History, Associate Professor, National Forestry University of Ukraine - ORCID 0000-0002-3259-083X |
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October 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
SWORLD Project Manager
Ph.D.



A.G. Shibaev

S.V. Kuprienko