

SCIENCE AND EDUCATION: INNOVATIVE APPROACHES AND PRACTICES

International
Scientific and Practical
Online Conference

May 14, 2026



PROGRAM

Devoted to the Science Day – 2026



Ministry of Education and Science of Ukraine
Admiral Makarov National University of
Shipbuilding
Kherson Educational - Scientific Institute
Faculty of Power Engineering



*International scientific and practical
online conference*

**" SCIENCE AND EDUCATION: INNOVATIVE
APPROACHES AND PRACTICES "**
devoted to the Science Day - 2026

PROGRAM

May 14, 2026

2026

Dear colleagues!

On **May 14, 2026**, the staff of the Faculty of Power Engineering of the Kherson Educational and Scientific Institute of Admiral Makarov National University of Shipbuilding invites you to participate in the International Scientific and Practical Online Conference "Science and Education: Innovative Approaches and Practices".

The purpose of the conference is to consolidate the scientific community, educators, and practitioners to discuss current trends in the development of science and education, exchange research results, and implement innovative approaches in educational and professional activities in order to improve the quality of education, scientific performance, and competitiveness of society in the context of global transformations.

Conference Regulations

May 14, 2026

14:00 – 14:20	14:00 – 14:20 Opening Ceremony
14:20 – 15:00	14:20 – 15:00 Plenary Session
15:00 – 15:10	15:00 – 15:10 Break
15:10 – 17:00	15:10 – 17:00 Sections, Closing Ceremony

PLENARY SESSION

Join the Zoom conference at this link

<https://us02web.zoom.us/j/7649119859?pwd=eW9VOU1ZRmJGNm95MU0vdmpSeStOZz09&omn=82960423136>

Conference ID: 764 911 9859

Access Code: 6NANHZ

Working languages of the event: Ukrainian, English

ORGANIZING COMMITTEE

Chair: Trushlyakov Ye. I. – Doctor of Technical Sciences , Prof. , Rector of NUS

Deputy Chairs: Drozd OV – Ph.D. in Technical Sciences , Assoc . Prof. , acting Director of the Kh ESI , NUS

Nadtochii II – Doctor of Economics , Prof. , Deputy Director of the K h ESI on Methodological and Scientific Work , NUS

Rusnak AV – Doctor of Economics , Prof. , acting Head of the Department of Economics, K h ESI of NUS

CONTACT PERSON

Secretary of the Organizing Committee:

Tetyana Korol – specialist of the Department of Economics of the KhESI of NUS , tel. +380509565652 (Viber, Telegram)

e-mail: [confKhESI2026@ gmail.com](mailto:confKhESI2026@gmail.com) , tetiana.korol@NUSs.edu.ua

COORDINATION GROUP

Kobalava GO – Ph.D. in Technical Sciences, Assoc. Prof., Head of the Department of Thermal Engineering, KhESI of NUS;

Nadtochy AV – Ph.D. in Technical Sciences, Assoc . Prof. , acting Head of the Department of Automation and Electrical Equipment, KhESI of NUS ;

Sushko VV – Ph.D. , acting Head of the Department of Social Sciences, KhESI of NUS.

MEMBERS OF THE ORGANIZING COMMITTEE

Biliuk IS – Ph.D. in Technical Sciences, Assoc. Prof., Head of the Department of Automation, NUS, Mykolaiv, Ukraine;

Blintsov VS – Doctor of Technical Sciences, Prof., Director of the Research Institute of Underwater Technology, NUS, Mykolaiv, Ukraine;

I v ata VV – Ph.D. in Economics, Assoc. Prof., Dean of the Faculty of Economics and Marine Ecology, NUS, Mykolaiv, Ukraine;

Kalnytskyi RV – Head of the Main Department of the Pension Fund of Ukraine in Kherson Region, Kherson, Ukraine;

Karpov MO – Project Manager, Industrial Equipment Department, LLC “VISSMAHN,” Kyiv, Ukraine;

Kendyukhov OV – Doctor of Economics, Prof., Chair of the NGO "Association for the Promotion of Globalization of Education and Science SPACETIME," Kyiv, Ukraine;

Kravchuk O. Yu. - Ph.D. in Political Sciences , Assoc. Prof., Department of Social and Humanitarian Sciences and Philosophy, NUS, Mykolaiv, Ukraine;

Kramarenko IS – Doctor of Economics, Prof., Department of Management, NUS, Mykolaiv, Ukraine;

Labartkava AV – Ph.D. in Technical Sciences, Prof., Head of Academic Department, NUS, Mykolaiv, Ukraine;

Matei VV – Candidate of Economic Sciences, Assoc. Prof., Vice-President of the NGO "All-Ukrainian Association of International Economists", Kyiv, Ukraine;

Mykhailov MS – Ph.D. in Economics, Vice-Rector for Academic and International Affairs, NUS, Mykolaiv, Ukraine;

Miniailova AV – Ph.D. in Pedagogy, Assoc. Prof., Head of the Department of Languages Studies, NUS, Mykolaiv, Ukraine;

Morgun OA – Acting Director, Mykolaiv Regional State Laboratory, State Service of Ukraine on Food Safety and Consumer Protection, Mykolaiv, Ukraine;

Pavlov HV – Doctor of Technical Sciences, Prof., Vice-Rector for Research, NUS, Ukraine;

Perunov OV – Director, LLC “Freedom Farm Terra,” Kyiv, Ukraine;

Rusnak Yu.Yu. – Head of Administrative and Economic Activities Department, Financial and Economic Support Office, Main Department of Statistics in Kherson Region, Kherson, Ukraine;

Savenkov OI – Head of the Research Department, NUS, Mykolaiv, Ukraine;

Slobodyan SO – Ph.D. in Technical Sciences, Assoc. Prof., Vice-Rector for Academic Affairs, NUS, Mykolaiv, Ukraine;

Sushko LV – Head of the Vocational Training Organisation Department, Kherson Regional Employment Center, Kherson, Ukraine;

Tabachnikov SI – Doctor of Medical Sciences, Prof., Academician, President of the NGO “National Academy of Higher Education Sciences of Ukraine,” NGO “International Academy of Education and Science,” NGO “Association of Psychotherapists and Psychoanalysts of Ukraine,” Kyiv, Ukraine;

Tsyhanov SA – Doctor of Economics, Prof., Academician, Head of the Economics Section, NGO "Academy of Sciences of Higher Education of Ukraine," Kyiv, Ukraine.

INTERNATIONAL PROGRAM COMMITTEE

(by agreement)

Tetiana Cherniavska – Doctor of Economic Sciences, Professor, Department of Economics and Technical Sciences, University of Applied Sciences in Konin, Konin, Poland

Bohdan Cherniavskyy – PhD, Adjunct, Department of Economics and Technical Sciences, University of Applied Sciences in Konin, Konin, Poland

Dmytro Kononov – Dr.-Ing. Habil., PhD, Researcher, Department of Energy and Process Engineering, Norwegian University of Science and Technology, Trondheim, Norway

Amit Kumar – Assistant Professor, Department of Commerce & Business Management, Integral University, Lucknow, India

Ana Cornelia Olteanu – PhD, Lecturer at the Department of Engineering and Management in Transports, Constanta Maritime University, Romania

Tatiana Barbaros – Phd, University Lecturer at Faculty of Psychology and Educational Sciences, Psychology Department, Social Assistance and Education Sciences, University Constanta, Romania

Badri Gechbaia – Doctor of Economics, Professor, Batumi Navigation Teaching University, Batumi, Georgia

Dmitry Shubenok – Engineer & CEO, SWB Air Conditioning Solutions Ltd., Israel

CONFERENCE PARTNERS

Ministry of Education and Science of Ukraine

Academy of Applied Sciences in Konin (Poland)

Integral University, Lucknow (India)

Constanta Maritime University (Romania)

Batumi Navigation Teaching University (Georgia)

University of Constanta (Romania)

NGO "National Academy of Higher Education of Ukraine"

NGO "Academy of Sciences of Higher Education of Ukraine"

NGO "All-Ukrainian Association of International Economists"

NGO "International Academy of Education and Science"

NGO "Association of Psychotherapists and Psychoanalysts of Ukraine"

NGO "Association for the Promotion of Globalization of Education and Science

SPACETIME"

Main Department of the Pension Fund of Ukraine in Kherson Region

Main Department of Statistics in Kherson Region

Kherson Regional Employment Center

Mykolaiv Regional State Laboratory of the State Service of Ukraine for Food

Safety and Consumer Protection

LLC "VISSMANN", Kyiv (Ukraine)

LLC "Freedom Farm Terra", Kyiv (Ukraine)

PLENARY MEETING

Moderator: Drozd O.V., Candidate of Technical Sciences, Associate Professor, Acting Director of the Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine.

May 14, 2026

1 4:00 by Kyivsky sometimes

You can join the Zoom conference at this link

<https://us02web.zoom.us/j/7649119859?pwd=eW9VOU1ZRmJGNm95MU0vdmPSeStOZz09&omn=82960423136>

Conference ID: 764 911 9859

Access code: 6NANHz

Welcoming speeches to the conference participants:

Pavlov Gennady Viktorovych, Doctor of Technical Sciences, Professor, Vice-Rector for Scientific Work, Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine;

Oleksandr Serhiyovych Prokudin, Head of the Kherson Regional Military Administration, Kherson, Ukraine;

Volodymyr Ivanovich Klyutsevsky, Deputy Head of the Kherson Regional State Administration, Kherson, Ukraine;

Danilova Elena Ivanovna, Head of the Department of Education and Science of Ukraine, Kherson Regional State Administration, Kherson, Ukraine;

Tatiana Barbaros, Phd, University Lecturer at Faculty of Psychology and Educational Sciences, Department of Psychology, Social Assistance and Education Sciences, University Ovidius of Constanța, Constanța, Romania; Martinescu Octavian, Clinical Psychologist-supervision, Romania;

Tabachnikov Stanislav Isakov, Doctor of Medical Sciences, Professor, Academician, President of the NGO "National Academy of Sciences of Higher Education of Ukraine", NGO "International Academy of Education and Science", NGO "Association of Psychotherapists and Psychoanalysts of Ukraine", Kyiv, Ukraine.

Speeches with scientific reports:

1. Hidden environmental costs of geopolitical conflict: an environmental economic assessment of resource degradation

Amit Kumar Goel, Assistant Professor at Department of Commerce & Business Management, Integral University Lucknow, India;

2. The unseen voice of refugees: the consequences of post-traumatic stress and intervention strategies in Romania.

Tatiana Barbaros, Phd, University Lecturer at Faculty of Psychology and Educational Sciences, Department of Psychology, Social Assistance and Education Sciences, University Ovidius of Constanța, Constanța, Romania; Martinescu Octavian, Clinical Psychologist-supervision, Romania;

3. Project management of digital transformation of transport and logistics business: Polish experience and implementation possibilities in Ukraine.

Chernyavska Tetyana Anatoliivna, Doctor of Economics, Professor, Department of Technical and Economic Sciences, Academy of Applied Sciences in Konin, Konin, Poland;

4. Digital platforms and mobile services in the management system of commercial enterprises.

Baldzhi Marina Dmitrievna , doctor economic (Economics) , Professor, Professor of the Department of Management and Tourism, Zhytomyr Institute of Economics and Humanities, University "Ukraine", Zhytomyr, Ukraine;

5. Concept of inter-university cooperation in the field of "marine robotics of Ukraine"

Blintsov Volodimir Stepanovych, Doctor of Technical Sciences, Professor, Director of the Research Institute of Underwater Technology of the National University of Ukraine, Professor of the Department of Electrical Equipment of the Kherson Educational and Scientific Institute, Kherson, Ukraine ;

6. Development of a mathematical model of high-speed circuit breakers of DC feeders .

Mykhalichenko Pavlo Evgeniovych, Doctor of Technical Sciences, Professor, Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine.

Section No. 1 . ECONOMY AND INTERNATIONAL ECONOMIC RELATIONS IN THE CONDITIONS OF GLOBAL TRANSFORMATIONS

Presidium: Candidate of Economic Sciences, Associate Professor Pashchenko O.V., Senior Lecturer Godina O.V.

Scientist secretary: Ogor G.M.

**14 May 2026 year
15:10**

On the ZOOM platform

1. Innovation infrastructure in the context of global economic transformations

Filipishyna L., Zavorotniuk S. , Pervomaisk Educational and Scientific Institute of Admiral Makarov National University of Shipbuilding, Pervomaisk, Ukraine

2. Economics and international economic relations in the context of global transformations

Goel Amit Kumar , Integral Business School, Integral University, Lucknow India

3. Planning the need for financial resources of an enterprise as a component of strategic management

Volkova O.V. , Rusnak A.V. , Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

4. The investment component of business support as a prerequisite for the post-war modernization of the Ukrainian economy

Grishina L.O., Pervomaysk Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Pervomaysk, Mykolaiv region, Ukraine

5. Transformation of seaports in the context of the Smart Port concept and Industry 4.0

Deli I.I., Shevchenko V.A., Danube Institute of the National University "Odesa Maritime Academy", Izmail, Ukraine

6. Dynamics of Ukraine's innovation activity indicators in the context of war

Efimova G. V., Korznyakov O. S., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

7. Intellectualisation of Ukraine's economy as a key prerequisite for strategic post-war recovery

Efimova G. V., Pashchenko O. V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine; Kherson Educational and Scientific Institute of Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

8. Financial and institutional convergence of SME support systems: experience of EU countries for Ukraine

Yefimova G.V., Poberezhets Yu.O., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

9. Economic security of the state in the system of international economic relations

Kyrnos A.E., Nadtochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

10. The duality of the role of artificial intelligence in the system of financial and economic security of business entities

Korznyakov O. S. , Marushchak S. M. , Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

11. Legal protection of the investor as a factor of investment behavior in the field of foreign direct investment

Kuzmenko O. Yu. , Marushchak S. M. , Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

12. Modern approaches to cargo shaking in logistics systems: world experience and areas for improvement

Ogor G.M., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

13. Effective planning of resource provision of enterprises as a factor in increasing their competitiveness

Rudenko O.M., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

14. The impact of integration processes on the development of Ukraine's international competitiveness

Tsyganov S.A., Educational and Scientific Institute of International Relations Taras Shevchenko National University of Kyiv, Kyiv, Ukraine

15. Evolution of European Union financial instruments for Ukraine

Chumachenko O.A., Oleksandr Dovzhenko Glukhiv National Pedagogical

University, Glukhiv, Ukraine

16. Transformation of economic growth models in the 21st century

Shalukhina V.V., Cherkassky G.I., Sumara A.O., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

Section No. 2. ENVIRONMENTAL ECONOMY, CIRCULAR ECONOMY AND NATURAL RESOURCE POTENTIAL OF REGIONS

Presidium: Doctor of Economics, Professor Rusnak A.V., Doctor of Economics, Professor Kramarenko I.S.

Scientist secretary: King T.V.

14 May 2026 year

15:10

On the ZOOM platform

1. Hidden environmental costs of geopolitical conflict: an environmental economic assessment of resource degradation

Husain Zainab Asif, Dr. Asma Farooque, Amit Kumar Goel, Department of Business Management, Integral University, Lucknow, India

2. Circular economy as a tool for regional regeneration

Kramarenko I. , Hryshyna N. , Hryshyna N. , Admiral Makarov National Shipbuilding University, Mykolaiv, Ukraine; International University of Business and Law, Mykolaiv, Ukraine

3. Innovative technological approaches to the greening of maritime transport and assessment of their environmental and economic efficiency

Nadtochii V. , Olteanu A. , Constanta Maritime University , Constanta , Romania

4. Integration of the circular economy into the use of the region's natural resource potential

Archibisova D.S., Boyko E.O., Nadtochii I.I., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine; Kherson Educational and Scientific Institute of Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

5. Closed-loop ecosystem 2.0: the role of artificial intelligence and digital passports in capitalizing on the resource potential of regions

Butova L. V. , Novokakhovka Instrument - Making Vocational College, Nova Kakhovka, Ukraine

6. Transformation of economic systems in the context of a circular economy

Ignatenko M.M., Marmul L.O., Hryhorii Skovoroda University in Pereyaslav, Pereyaslav, Ukraine

7. Innovative approaches to managing the natural resource potential of regions

Kucheryavy O.S., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

8. Sustainable development of regions based on the principles of ecological and circular economy

Marushchak S. M., Neshpil A. M., Admiral Makarov National University of

Shipbuilding, Mykolaiv, Ukraine

9. Development of green technologies in the context of the circular economy of regions

Nadtochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

10. Circular business models as a tool for increasing the resource efficiency of the regional economy

Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

Section No. 3. PRIVATE ENTREPRENEURSHIP AND DEVELOPMENT OF INNOVATIVE BUSINESS MODELS

Presidium: Doctor of Economics, Professor Nadtochiy I.I., Candidate of Economics, Professor Revenko N.G.

Scientist secretary: teacher Markov M.M.

14 May 2026 year

15:10

On the ZOOM platform

1. Development of startup projects in the context of the digital economy

Filipishyna L. , Bezhenutsa D. Pervomaïsk Educational and Scientific Institute of Admiral Makarov National University of Shipbuilding , Pervomaïsk, Ukraine

2. The cooperative model as the foundation of post-war economic recovery in Ukraine in conditions of global instability

Aleksenko V.L., Fostik P.P., Sapronov O.O., Kherson State Maritime Academy (KSMA), Kherson, Ukraine

3. Innovative approaches to the formation of small business business models

Bilogradov S.S., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

4. DATA science as a technological support for the improvement and development of business models

Bobrovska O.Yu., Chupilko O.S., University of Customs and Finance, Dnipro, Ukraine

5. Legal support for the development of private entrepreneurship in the context of modern economic transformations

Godina O.I., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

6. Digital business transformation as the basis for the formation of innovative business models

Didenko T.V., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

7. Entrepreneurship in Uncertainty: Challenges and Prospects

Ivashchenko N.Yu., Nadtochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

8. Optimizing transaction costs in supply chains through the integration of cloud solutions

Kovpak P.I., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

9. The role of small business in ensuring the sustainability and recovery of the region's economy in modern conditions

Mykhasko T.Yu., Lyashenko V.M., Vashchylenko A.M., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

10. Trends and prospects for the development of small business in Ukraine under martial law and European integration transformations

Shepel I.V., Kherson State Agrarian and Economic University, Kherson, Ukraine

11. Social entrepreneurship as a tool for social resilience in the context of the Russian-Ukrainian war

Shepel T.V., Ivano-Frankivsk National Technical University of Oil and Gas, Ivano-Frankivsk, Ukraine

Section No. 4. PROJECT MANAGEMENT, STRATEGIC MANAGEMENT AND CORPORATE DEVELOPMENT

Presidium: Candidate of Technical Sciences, Associate Professor Nadtochy A.V., PhD Bobrovsky O.I.

Scientist secretary: teacher Subbotkina O.P.

14 May 2026 year

15:10

On the ZOOM platform

1. Decentralization of electricity supply: renewable energy sources, system optimization and intelligent network management

Sadovoy O., Mykolaiv National Agrarian University, Mykolaiv, Ukraine

2. ADVANTAGES of using digital platforms and mobile services in managing retail businesses

Baldzhi M.D., Zhytomyr Institute of Economics and Humanities, University "Ukraine", Zhytomyr, Ukraine

3. Strategic approaches to project management under uncertainty

Bespala E.Yu., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

4. Modern problems of project management in the field of marine robotics in Ukraine

Blintsov V.S., Nadtochy A.V. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

5. ORGANIZATION of the corporate information environment of government activities as a way to increase management efficiency

Bobrovsky O. I. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

6. STRATEGIC aspects of building an information support system for industrial recovery and development processes

Bondarenko D. M., Motor Transport Vocational College of the National Technical University "Dnipro Polytechnic" , Dnipro, Ukraine

7. Optimization of design solutions in the energy sector based on economic and mathematical modeling

Hryhorenko I.O., Levenets V.G., Vetsalo N.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

8. Modeling the stress-strain state of metal-nonmetal soldered joints as an element of strategic management of engineering projects

Yechin B.L., Matvienko M.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

9. Strategic directions for accelerating the turnover of working capital of the enterprise

Larchenko O.O., Larchenko I.V., Educational and Scientific Institute of Economics and Management of the National University of Food Technologies, Kyiv, Ukraine; Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

10. Use of global and national standards in the refrigeration industry

Matveev V. V. Kherson State Maritime Academy , Kherson, Ukraine

11. Prospects for the implementation of automated transport systems

Nadtochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

12. Multifunctional polymer coatings for protecting water transport surfaces

Sapronov Oh Oh , Sapronova L. O. Kherson State Maritime Academy, Kherson, Ukraine

13. Optimization of the composition of epoxy coatings to increase the reliability of engineering structures

Sapronova A.V. Kherson State Maritime Academy, Kherson, Ukraine

14. Risk management in strategic enterprise projects

Simak E.M., Rusnak A.V. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

15. Digital tools for strategic management of anti-crisis development of transport enterprises: a project-oriented approach

Sokolov A.V. State University of Trade and Economics, Kyiv, Ukraine

16. Innovative project management tools in modern corporations

Tarasova V.D., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

17. Project management of digital transformation of transport and logistics business: Polish experience and implementation possibilities in Ukraine

Cherniavska T.A., Cherniavsky B.O. Academy of Applied Sciences in Konin, Konin, Poland

Section No. 5. MANAGEMENT OF EDUCATIONAL INSTITUTIONS, EDUCATIONAL POLICY AND MODERNIZATION OF THE EDUCATIONAL SPACE

Presidium: Ph.D., associate professor Kravchuk O.Yu., PhD Garagulya A.V.
Scientist secretary: PhD Sushko V.V.

14 May 2026 year
15:10

On the ZOOM platform

1. Desirable directions for modernizing the Romanian educational system

Casangiu L. I., University Ovidius of Constanța, Constanța, Romania

1. Current trends in maritime English: learning environments as a factor in forming socio-linguistic competence of future seafarers

Demchenko O., Danube Institute of the National University "Odessa Maritime Academy", Izmail, Ukraine

2. Strategic planning as a tool for modernizing the management of a professional pre-higher education institution

Babychko O.O., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

3. Modern leadership practices in managing the teaching staff of a higher education institution

Bondaruk V.S., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

4. Features of the implementation of the educational and professional program "Intelligent Marine Robotic Complexes"

Burunina Zh.Yu., Burunin A.P., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

5. The use of digital technologies in the management system of an educational institution

Godina O.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

6. Innovative activities of teaching staff as an object of management in a higher education institution

Drozd O.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

7. Digital practices in the management activities of the head of an educational institution

Zheleznyakov V.A., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

8. THE third mission of universities as a factor of higher education for sustainable development

Kovalchuk G.O. National Academy of Pedagogical Sciences of Ukraine, Kyiv, Ukraine

9. Modern approaches to managing an inclusive educational environment in a higher education institution

Kramarenko I.S., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

10. Project management as a tool for effective management of a private preschool education institution

Listopad O. A. State Institution "South Ukrainian National Pedagogical University named after K. D. Ushynsky", Odessa, Ukraine

11. Management of innovation activities of higher education institutions as a factor in the development of the knowledge economy

Nadtochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

12. The third mission of universities as a factor of economic transformation in higher education in the context of martial law and post-war reconstruction of Ukraine

Pilshchikov I. S., Institute of Higher Education of the National Academy of Pedagogical Sciences of Ukraine, Council of Young Scientists of the National Academy of Pedagogical Sciences of Ukraine, Kyiv, Ukraine

13. SCIENTIFIC and educational potential of regions as a factor in the recovery and development of the country's economy

Revenko N. G., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

14. The role of strategic management in ensuring the competitiveness of higher education institutions

Rusnak A.V., Kravchuk O.Yu. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

15. Formation of a system of professional development of pedagogical workers in a general secondary education institution

Sushko V.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

16. Formation of partnerships between a higher education institution and a local community

Telenyk M.A., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

17. Modernization of training of psychology teachers in the master's degree program: managing the development of pedagogical competence in the context of educational transformation

Cherepiekhina O.A., Dnipro Technological University STEP, Dnipro, Ukraine

18. Organizational culture and its role in the management of a higher education institution

Chushkin A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

Section No. 6. ENERGY SECURITY, ENERGY EFFICIENCY AND SUSTAINABLE DEVELOPMENT OF ENERGY SYSTEMS

Presidium: Ph.D., docent Kobalava G.O., Ph.D., Associate Professor Nadtochiy V.A.
Scientist secretary: Ph.D., docent Kalinichenko I.V.

14 May 2026 year
15:10

On platform ZOOM

1. Prospects of the application of floating solar power plants

Andreiev A. , Vahin F., Korohod M., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

2. Exploring energy performance optimization for climate control systems in integrated industrial power plants

Hrych A. , Radchenko A. , Zubarev A. Admiral Makarov National University of Shipbuilding, Mykolayiv, Ukraine;

3. Ways to reduce energy consumption in Ukraine's housing sector

Kobalava H. , Klova I. Admiral Makarov National University of Shipbuilding , Kherson Educational-Scientific Institute, Kherson, Ukraine

4. Thermodynamic analysis of thermopressors for contact cooling systems

Kobalava H. , Telehin O. , Admiral Makarov National University of Shipbuilding Kherson Educational-Scientific Institute, Kherson, Ukraine

5. Comparative study of air and liquid cooling methods in modern electric motors

Konovalov D. , Kokhanchyk I. , Admiral Makarov National University of Shipbuilding Kherson Educational-Scientific Institute, Ukraine ; Norwegian University of Science and Technology, Norway

6. Investigation of corrosion of condensing heat-exchange surfaces during water-fuel emulsion combustion

Kornienko V. , Admiral Makarov National University of Shipbuilding Kherson Educational-Scientific Institute, Ukraine

7. Application of artificial intelligence in energy consumption optimization and load forecasting

Mytrofanov P., Boiko I. , National University «Yuri Kondratyuk Poltava Polytechnic» Poltava, Ukraine ; National Technical University "Kharkiv Polytechnic Institute" Kharkiv, Ukraine

8. Thermodynamic optimization of waste heat recovery from gas engines using two-stage absorption-adsorption chillers

Ostapenko O. , Radchenko A. , Zubarev A. , Admiral Makarov National University of Shipbuilding, Mykolayiv, Ukraine;

9. Current development trends, optimization and thermodynamic aspects of charge air cooling systems of ship models

Andreev A.A., Andreeva N.B., Kherson Educational and Scientific Institute of the

Admiral Makarov National Shipbuilding University, Kherson, Ukraine

10. Improving wireless power transmission for unmanned surface vehicles

Anichyn A., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

11. ELECTRIC generators in ocean energy converters

Bilyuk I.S., Levkin V.S., Rachinsky A.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

12. - based analysis of a wind turbine system

Bilyuk I.S., Savchenko O.V., Mayboroda O.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

13. APPLICATION OF artificial intelligence in electric vehicle power systems

Bilyuk I.S., Shareiko D.Yu., Savchenko O.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

14. Modern energy challenges for Ukrainian marine robotics

Blintsov V.S., Nadtochy V.A., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

15. Creation of regression models for predicting the composition of polymer coatings intended for the gas and oil transportation complex

Brailo M.V., Sapronov O.O., Kherson State Maritime Academy, Kherson, Ukraine

16. Reducing emissions of harmful substances from autonomous thermal power plants based on gas piston engines by optimizing the temperature regime of engine rooms

Hrych A.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

17. Increasing the energy efficiency of the automatic control system of an autonomous vessel in conditions of external disturbance

Grudinina G.S., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

18. Design and principles of operation of a new type of hydroelectric power plant

Kalinichenko I.V., Gurina D.V. Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

19. IMPROVING environmental performance in heat supply using heat pumps

Kalinichenko I.V., Korneeva E.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

20. DEVELOPMENT of a mathematical model of high-speed circuit breakers for DC feeders

Mykhalichenko P.E., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

21. Buffering of battery electric power systems of unmanned surface vessels

Nadtochy V.A., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

22. On the feasibility of providing catalysis during fuel combustion in ship internal combustion engines

Prudnikov I. A., Kherson Educational and Scientific Institute of the Admiral

Makarov National Shipbuilding University, Kherson, Ukraine

23. Energy management as a tool for increasing energy efficiency of enterprises

Rusnak Yu.Yu., Nadochiy I.I., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

24. Ensuring sustainable development of ship energy systems

Samokhvalov V. S., Voinov O. P., Samokhvalova A. O. Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

25. Application of two-base technology of KR514IR2 microcircuits to reduce cost

Frolov O.M., Subbotkina O.P., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

26. Reducing the cost of solar cells in precious metal-saving technology

Frolov O.M., Subbotkina O.P., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

Section No. 7. PSYCHOLOGY IN EDUCATION AND SCIENCE: CURRENT CHALLENGES AND PRACTICAL SOLUTIONS

Presidium: Doctor of Pedagogical Sciences, Professor Litvinova M.B., Lecturer
Karpova S.O.

Secretary: Grigoriev T.M.

15 May 2026 year

15:10

On the ZOOM platform

1. The unseen voice of refugees: the consequences of post-traumatic stress and intervention strategies in Romania

Barbaroș T., Martinescu O. , Ovidius University of Constanța, Constanța, Romania

2. From hyperstimulation this contemplation in the development of children with SEN

Lenuța Burlacu , " Ion Creanga " SPU of Chisinau , Chisinau , Moldova

3. Emotional intelligence as a resource of resilience in military personnel under conditions of prolonged war-related stress

Kalenchuk V. , Klaipėda University, Klaipėda, Lithuania

4. Beyond diagnosis: psychotherapeutic support and psychosocial intervention

Nina Stănescu , Ovidius University of Constanța , Constanța, Romania

5. Psychological predictors of procrastination in the context of personal performance effectiveness

Antipova M., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

6. Psychological factors of academic procrastination among students in wartime

Berezhnyk O.V., Larchenko I.V. , Admiral Makarov National University of Shipbuilding , Mykolaiv , Ukraine

7. Social norms and rules as a factor in shaping the behavior of preschoolers

Belyaeva S. F., Rogalska-Yablonska I. P., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine; V. O. Sukhomlynsky Educational and Scientific Pedagogical Institute of the Admiral Makarov National Shipbuilding University, Mykolaiv, Ukraine

8. Formation of a positive image of an educational institution

Boyko S.D., Rusnak A.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

9. Psychological and pedagogical factors of the development of an inclusive educational environment in professional pre-higher education

Bondarenko L.I., Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

10. Transformation of psychological science in the context of modern

educational changes

Bocheliuk V. Y., European University, Kyiv, Ukraine

11. Leadership in the youth environment: socio-psychological conditions and factors of formation

Golovchenko R.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

12. Cognitive and emotional manifestations of information overload of the individual

Grigoriev T.M., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

13. Resilience as a factor in maintaining the professional effectiveness of police officers during wartime

Hryshyn D.V., Larchenko I.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

14. Conceptualization of the phenomenon of psychological readiness for professional activity in modern scientific approaches

Danylchuk V. M., Pedagogical Professional College of the Municipal Institution of Higher Education “Khortytsia National Educational and Rehabilitation Academy” of the Zaporizhzhia Regional Council, Zaporizhzhia, Ukraine

15. Psychological features of the development of emotional intelligence in students

Dymchenko A.V., Naumova N.A., Dnipro Institute of the Interregional Academy of Personnel Management, Dnipro, Ukraine

16. Personality in the digital space: psychological aspects of online identity formation

Yena O.M. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

17. Psychological features of the development of critical thinking in young people

Kapushenko Y.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

18. Psychological safety in the educational environment as a condition for effective learning

Larchenko I.V., Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

19. Coping strategies and adaptation of adults in wartime

Leunova O., Rusnak A. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

20. AN analysis of the psychological state of students from temporarily occupied territories studying in higher education institutions of Ukraine

Litvinova M.B., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

21. Perfectionism as a predictor of productivity and psychological burnout

Lukashevich M.V., Kherson Educational and Scientific Institute of the Admiral

Makarov National Shipbuilding University, Kherson, Ukraine

22. Psychological features of patients' perception of the diagnosis at the stage of cytological confirmation

Nadochiy I.V., Sushko V.V. Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding, Kherson, Ukraine

23. Socio-psychological climate of the organization

Petrova O., Karskanova S.V., Admiral Makarov National University of Shipbuilding, Mykolaiv

24. Peculiarities of the relationship between stress levels and academic motivation of higher education students

Rev. O.O., Larchenko I.V., Educational and Scientific Humanitarian Institute, Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

25. Psychological assistance to people who have experienced traumatic events in the face of modern challenges

Rev. O.O., Larchenko I.V., Educational and Scientific Humanitarian Institute, Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

26. Socio-psychological requirements for social workers

Sakharova O.M., VSP "Professional College of the Admiral Makarov National Shipbuilding University", Mykolaiv, Ukraine

27. Psychological self-regulation of volunteers in war conditions: scientific and practical aspect

Sinchenko V.M., Larchenko I.V. Educational and Scientific Humanitarian Institute Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine

28. Self-motivational dysfunction in adolescents before studying in wartime

Sushko V. V. , Denderenko O. V. Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

29. The concept of "neuropsychological rehabilitation" in the context of modern scientific approaches

Turubarov A. V., municipal institution of higher education "Khortytsia National Educational and Rehabilitation Academy" of the Zaporizhia Regional Council, Zaporizhia, Ukraine

30. Psychological well-being of students of creative specialties

Kharchenko A.S., Yanovska T.A., Goncharova N.O., Poltava National Pedagogical University named after V.G. Korolenko, Poltava, Ukraine

31. Coping strategies of patients with cancer

Chebysheva A.O., Sushko V.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

32. The emergence of bullying in adolescence in educational institutions

Shapoval G. , Rusnak A., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

33. Developing concentration during multitasking: a psychological approach

Shevchenko R.V., Kherson Educational and Scientific Institute of the Admiral Makarov National Shipbuilding University, Kherson, Ukraine

34. Psychological and pedagogical technologies of physical education of

students in war conditions

Shevyakov O.V. , Prykhodko V.V. , UDUNT, Dnipro, Ukraine,

35. Professional skills of a music teacher in reflecting on modern challenges

Shchedrolosieva K.O. Municipal Institution of Specialized Art Education “Music School No. 3” of the Kherson City Council, Kherson, Ukraine

36. School bullying as a factor in students' maladjustment in higher education institutions

Yanovska T. A., Goncharova N. O., Kharchenko A. S., Poltava National Pedagogical University named after V. G. Korolenko, Poltava, Ukraine

CONTENT

PLENARY MEETING	6
<i>Section No. 1. ECONOMY AND INTERNATIONAL ECONOMIC RELATIONS IN THE CONDITIONS OF GLOBAL TRANSFORMATIONS</i>	7
<i>Section No. 2. ENVIRONMENTAL ECONOMY, CIRCULAR ECONOMY AND NATURAL RESOURCE POTENTIAL OF REGIONS</i>	9
<i>Section No. 3. PRIVATE ENTREPRENEURSHIP AND DEVELOPMENT OF INNOVATIVE BUSINESS MODELS</i>	10
<i>Section No. 4. PROJECT MANAGEMENT, STRATEGIC MANAGEMENT AND CORPORATE DEVELOPMENT</i>	11
<i>Section No. 5. MANAGEMENT OF EDUCATIONAL INSTITUTIONS, EDUCATIONAL POLICY AND MODERNIZATION OF THE EDUCATIONAL SPACE</i>	13
<i>Section No. 6. ENERGY SECURITY, ENERGY EFFICIENCY AND SUSTAINABLE DEVELOPMENT OF ENERGY SYSTEMS</i>	15
<i>Section No. 7. PSYCHOLOGY IN EDUCATION AND SCIENCE: CURRENT CHALLENGES AND PRACTICAL SOLUTIONS</i>	18

NOTES

**« SCIENCE AND EDUCATION:
INNOVATIVE APPROACHES
AND PRACTICES »**

International scientific and practical online conference

PROGRAM

(in Ukrainian, in English languages)

14 May 2026 year

