

National Academy of Educational Sciences of Ukraine
The Institute for Digitalisation of Education of NAES of Ukraine
University of Teramo (Italy)

SIN-NEC Project, Erasmus+ (Armenia, Austria, Italy, Ukraine)

Council of Young Scientists at the Ministry of Education and Science of Ukraine
Scientist Support Office (Ukraine)

Branch of Physics of Mining Processes of the M.S. Poliakov Institute of Geotechnical
Mechanics of the National Academy of Sciences of Ukraine (Ukraine)

Educational and Scientific Institute of Philology of Taras Shevchenko
National University of Kyiv (Ukraine)

Department of Computer Multimedia Technologies, State University "Kyiv Aviation
Institute" (Ukraine)

Department of Multimedia Systems and Technologies, Kharkiv National Economic
University (Ukraine)



CONFERENCE PROGRAM

V INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE IMMERSIVE TECHNOLOGIES IN EDUCATION (ITE-2025)

April 29, 2025

(hybrid format)

Languages: Ukrainian, English



The Conference is organized in the framework of the Erasmus+ Project "Sustainability and Internationalization Capacities to Promote Modernisation of Newcomers Higher Education in Neighborhood East Countries" (SIN-NEC), Grant Agreement No. 101129029 co-funded by the EU.

2025

PROGRAM COMMITTEE

Oleh Spirin, Doctor of Education, Professor, Member of the NAES of Ukraine, Director of the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Oleksandr Lyashenko, Doctor of Education, Professor, Member of the NAES of Ukraine, Academician-Secretary of the Department of General Secondary Education and Digitalization of Educational Systems of the NAES of Ukraine (Ukraine).

Svitlana Lytvynova, Doctor of Education, Professor, Corresponding Member of the NAES of Ukraine, Deputy Director for Science, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Paola Pittia, PhD (Nanotechnology), Full Professor at University of Teramo, Deputy Rector of Internationalisation and Joint Study Programmes and Coordinator of the Master Degree Study programme in Food Science and Technology (Italy).

Oleksandr Bobarchuk, PhD (Technical Sciences), Associate Professor, Head of the Department of Computer Multimedia Technologies, State University “Kyiv Aviation Institute” (Ukraine).

Oleksandr Pushkar, Doctor of Economics, Professor, Head of the Department of Multimedia Systems and Technologies, Kharkiv National Economic University (Ukraine).

ORGANIZATIONAL COMMITTEE

Oleksandr Burov, Doctor of Technical Sciences, Senior Researcher, Leading Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Yuliia Nosenko, PhD, Senior Researcher, Head of the Department, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Natalia Rashevskaya, PhD, Associate Professor, Doctoral student, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Olga Slobodyanik, PhD, Senior Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Oleksandra Sokolyuk, PhD, Senior Researcher, Leading Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Alisa Sukhikh, PhD, Senior Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

COORDINATORS

Yuliia Nosenko, PhD, Senior Researcher, Head of the Department, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

Alisa Sukhikh, PhD, Senior Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

TECHNICAL SUPPORT

Vitaliy Tkachenko, Senior Engineer, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

CONFERENCE PARTICIPANTS



The purpose of the conference is to develop theoretical foundations and exchange practical experience of using advanced technologies in the educational process of educational institutions of different levels to support sustainable development, innovation and internationalization of education.

CONFERENCE ISSUES

1. Methodology of pedagogical activities with the use of immersive technologies in educational activities.
2. Immersive technologies in STEM/STEAM education.
3. Theoretical-methodological and psychological-pedagogical aspects of using immersive technologies in educational institutions.
4. Augmented reality technologies in education.
5. Virtual reality technologies in education.
6. Measuring the impact of immersive technologies on learning outcomes.
7. Health-preserving aspect of using immersive technologies in the educational process.
8. Assessing the quality of educational material with augmented reality.
9. Artificial Intelligence in education.
10. Advanced Technologies in supporting Sustainability, Innovation, and Internationalization of Education.

CONFERENCE CONDITIONS

Language: Ukrainian, English.

Forms of participation: offline, online (remote).

Forms of presentation: plenary report, sectional report, message.



Site of the
Conference:

<https://sites.google.com/view/ite2025/>



REGULATIONS



- ▶ Plenary report – up to 15 minutes
- ▶ Section report – up to 10 minutes
- ▶ Message – up to 5 minutes



Please note that the schedule of the conference is indicated in Kyiv summer time (UTC+3)

AGENDA

10:30-11:00 (Kyiv Summer Time) – test connection

Join Zoom Meeting

<https://us02web.zoom.us/j/88249459122?pwd=hnxT5OJPa791w5va2TEjrXkUpDteBq.1>

Meeting ID: 882 4945 9122

Passcode: 052984



11:00 – 13:00 (Kyiv Summer Time) – the 1st plenary session: opening of the conference

13:00 – 13:30 (Kyiv Summer Time) – Break

13:30 – 15:00 (Kyiv Summer Time) – Section session

15:00 – 15:30 (Kyiv Summer Time) – the 2nd plenary session: summarizing the results of the conference

1st PLENARY SESSION: OPENING OF THE CONFERENCE

11:00 – 13:00 (Kyiv Time)

11:00 – 11:15 (Kyiv Summer Time) – Opening of the conference, greetings to the participants

► *Yuliia Nosenko*, PhD, Senior Researcher, Head of the Department, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

► *Oleh Spirin*, Doctor of Education, Professor, Member of the NAES of Ukraine, Director of the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine).

► *Oleksandr Lyashenko*, Doctor of Education, Professor, Member of the NAES of Ukraine, Academician-Secretary of the Department of General Secondary Education and Digitalization of Educational Systems of the NAES of Ukraine (Ukraine).

► *Olesya Vashchuk*, Doctor of Law, Professor, Chairman of the Council of Young Scientists at the Ministry of Education and Science of Ukraine, Head of the Scientist Support Office, Chairman of the Board of the NGO "International Development Foundation", Leader of "De mendacio veritas" Group (Ukraine).

► *Andriy Khorolsky*, PhD (Technical Sciences), Head of the Laboratory of Field Development Problems, Branch of Physics of Mining Processes of the M.S. Poliakov Institute of Geotechnical Mechanics of the National Academy of Sciences of Ukraine, Associate Professor, Department of Information and Educational Project Management.

► *Paola Pittia*, PhD (Nanotechnology), Full Professor at University of Teramo, Deputy Rector of Internationalisation and Joint Study Programmes and Coordinator of the Master Degree Study programme in Food Science and Technology (Italy).

11:15 – 13:00 (Kyiv Summer Time) – Reports at the plenary session

► **Digitalization of education in the context of internationalization and sustainable development in education.** Speaker: *Alisa Sukhikh*, PhD, Senior Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine) – *in English*.

► **AI technologies for sustainable development and internationalization of education.** Speaker: *Maria Shishkina*, Doctor of Education, Senior Researcher, Head of the Department of Cloud-Oriented Systems and Artificial Intelligence in Education, Institute for Digitalisation of Education of NAES of Ukraine (Ukraine) – *in English*.

► **Today's AI in education.** Speaker: *Olesya Vashchuk*, Doctor of Law, Professor, Chairman of the Council of Young Scientists at the Ministry of Education and Science of Ukraine, Head of the Scientist Support Office, Chairman of the Board of the NGO "International Development Foundation", Leader of "De mendacio veritas" Group (Ukraine) – *in Ukrainian*.

► **Practical Aspects of the Application of AI and Immersive Technologies for the Creation and Processing of Graphic Images and Multimedia Objects by Computer Science Teachers Who Implement the Concept of the “New Ukrainian School”.** Speaker: *Andriy Khorolsky*, PhD (Technical Sciences), Head of the Laboratory of Field Development Problems, Branch of Physics of Mining Processes of the M.S. Poliakov Institute of Geotechnical Mechanics of the National Academy of Sciences of Ukraine, Associate Professor, Department of Information and Educational Project Management – *in Ukrainian*.

► **AI in Science and Education: Challenges to Academic Integrity and Ways to Overcome Them.** Speaker: *Anna Skrypka*, PhD, Head of the Department of Information and Communication Technologies and Safe Educational Environment, Municipal Institution “Kirovohrad Regional Institute of Postgraduate Pedagogical Education named after Vasyl Sukhomlynsky” – *in Ukrainian*.

► **Virtual learning for memory development of students with ASD in a bilingual environment: foreign experience.** Speaker: *Olena Gayevska*, PhD, Assistant Professor, Educational and Scientific Institute of Philology of Taras Shevchenko National University of Kyiv – *in English*.

► **XR and AI Convergence.** Speaker: *Oleksandr Burov*, Doctor of Technical Sciences, Senior Researcher, Leading Researcher, the Institute for Digitalisation of Education of NAES of Ukraine (Ukraine) – *in English*.

13:00 – 13:30 – Break

SECTION SESSION

13:30 – 15:00 (Kyiv Summer Time)

A Synthetic Collaborative Framework for Artificial Intelligence in Education. Speakers: *Volodymyr Khomenko*, PhD (Technical Sciences), Associate Professor, Associate Professor of the Department of Oil and Gas Engineering and Drilling, National Technical University "Dnipro Polytechnic"; *Oleksandr Pashchenko*, PhD (Technical Sciences), Associate Professor, Director of the Interbranch Educational and Scientific Institute of Continuing Education, National Technical University "Dnipro Polytechnic" (Dnipro, Ukraine) – *in English*.

Adaptation of ER Technologies for Working with Children with Special Educational Needs. Speaker: *Iryna Orlenko*, PhD, Associate Professor of the Department of Special and Inclusive Education, K.D. Ushynskyi South Ukrainian National Pedagogical University (Odesa, Ukraine) – *in Ukrainian*.

AI in Education Process: Case of the UK. Speaker: *Oleksandr Dluhopolskyi*, Dr. Sc. (Economics), Professor, West Ukrainian National University (Ternopil, Ukraine); WSEI University (Lublin, Poland) – *in English*.

AI in Education. Speakers: *Olga Alieva*, PhD (Philosophical Sciences), Associate Professor, State Higher Educational Institution "Donbass State Pedagogical University"; *Galina Dyakovska*, PhD (Philosophical Sciences), Associate Professor, State Higher Educational Institution "Donbass State Pedagogical University"; *Kopiyko S.*, PhD Student, Department of Philosophy, History and Social and Humanitarian Disciplines, State Higher Educational Institution "Donbass State Pedagogical University" (Sloviansk, Ukraine) – *in Ukrainian*.

AI-Powered Language Learning in Higher Education Institutions: Transforming Students' Language and Communication Skills. Speaker: *Yuliia Kuzmenko*, PhD (Educational Sciences), Associate Professor, Head of the Department of Linguodidactics and Foreign Languages, State University of Intelligent Technologies and Telecommunication (Odesa, Ukraine) – *in English*.

Ambivalence of Artificial Intelligence as a Problem of Education. Speakers: *Andrii Kyrychenko*, Doctor of Sciences (Engineering), Professor, Vice-rector in Central Ukrainian National Technical University (Kropyvnytskyi, Ukraine); *Zoya Stezhko*, PhD (Philosophy), Associate Professor, Associate Professor of the Department of History, Archeology, Information and Archival Affairs, Central Ukrainian National Technical University (Kropyvnytskyi, Ukraine) – *in English*.

Artificial Intelligence as a Tool for Ensuring the Quality of Education: Prospects and Challenges. Speaker: *Lyubomyra Ilychuk*, PhD (Educational Sciences), Associate Professor, Associate Professor of the Department of Primary Education and Educational Innovations, Vasyl Stefanyk Precarpathian National University (Ivano-Frankivsk, Ukraine) – *in Ukrainian*.

Artificial Intelligence in Science and Education: Challenges to Academic Integrity and Ways to Overcome Them. Speaker: *Hanna Skrypka*, PhD (Educational Sciences), Head of the Department of Information and Communication Technologies and Safe Educational Environment, Municipal Institution "Kirovohrad Regional Institute of Postgraduate Pedagogical Education named after Vasyl Sukhomlynsky" (Kropyvnytskyi, Ukraine) – *in Ukrainian*.

Artificial Intelligence in the Activities of Scientific Libraries: Modern Challenges and Opportunities (Case of Vernadsky National Library of Ukraine).

Speaker: *Mykola Sanakuiev*, PhD, senior researcher, Vernadsky National Library of Ukraine (Kyiv, Ukraine) – *in English*.

Building Entrepreneurial Competence in Teachers Using Immersive Technologies. Speaker: *Vadym Kibalenko*, PhD Student of the Department of Pedagogy and Educational Management, Pavlo Tychyna Uman State Pedagogical University (Uman, Ukraine) – *in Ukrainian*.

Content Design of the Lesson Using Immersive Technologies in Blended Learning Environments. Speakers: *Serhiy Batsenko*, Junior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine; *Volodymyr Horbachenko*, Junior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Convergence of Immersive Technologies and AI: From Senses to Cognitive Processes. Speaker: *Oleksandr Burov*, Doctor of Technical Sciences, Senior Researcher, Leading Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Creating Interactive Worksheets Using the Fobizz Platform. Speaker: *Lyubov Titova*, Lecturer at the Department of Informatics and Information and Communication Technologies, Pavlo Tychyna Uman State Pedagogical University (Uman, Ukraine) – *in Ukrainian*.

Curriculum-Aligned Digitalization: Integration of QR Codes into 9th Grade Chemistry Topics. Speakers: *Eylül Özüliş*, Chemistry Education, Hacettepe University (Ankara, Turkey); *Canan Koçak Altundağ*, Associate Professor, Dr., Chemistry Education, Hacettepe University, (Ankara, Turkey); *Ayşem Seda Yücel*, Professor, Dr., Chemistry Education, Hacettepe University (Ankara, Turkey) – *in English*.

Developing Digital Competence of Schoolchildren Through the Use of Immersive Technologies in Robotics Education. Speaker: *Serhiy Kashuba*, PhD Student of the Department of Theory and Methods of Technological Education, Poltava National Pedagogical University named after V. G. Korolenko (Poltava, Ukraine) – *in Ukrainian*.

Digitalization of Education in the Context of Internationalization and Sustainable Development. Speaker: *Alisa Sukhikh*, PhD, Senior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Ethical and Safe Applications of Immersive Technologies in the Learning Process in Secondary Education Institutions. Speaker: *Natalia Rashevskaya*, PhD (Educational Sciences), Assistant Professor, doctoral students of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Exploring the Tendencies of Pre-Service Teachers to Use Web Tools in Educational Settings. Speakers: *F. Merve Mustafaoğlu*, Assistant Professor, Education Faculty, Hacettepe University (Ankara, Turkey); *Fatma Alkan*, Professor, Education Faculty, Hacettepe University (Ankara, Turkey) – *in English*.

Features of Using AI When Creating Audio Content for Multimedia Disciplines. Speakers: *Svitlana Galchenko*, PhD (Technical Sciences), Associate Professor, Associate Professor of KMMT, State University “Kyiv Aviation Institute”; *Serhiy Gnidenko*, Assistant of KMMT, State University “Kyiv Aviation Institute” (Kyiv, Ukraine) – *in Ukrainian*.

Formation of Managerial Competence of Future Specialists in the Organization of Transport Services in Tourism Using Virtual Reality. Speaker: *Overchuk O.O.*, PhD Student, Grigoriy Skovoroda University in Pereyaslav (Pereyaslav, Ukraine) – *in Ukrainian*.

Formation of Mediation Skills of Future Social Workers in the Process of Practical Training Using Immersive Technologies. Speaker: *Iryna Galchych*, PhD Student, specialty 231 “Social (Kyiv, Ukraine) – *in Ukrainian*.

Formation of Students' Digital Competence Using Mobile Educational Resources in Technology Lessons. Speaker: *Lyubov Khomenko*, PhD (Physical and Mathematical Sciences), Associate Professor, Associate Professor of the Department of Poltava National Pedagogical University named after V. G. Korolenko (Poltava, Ukraine) – *in Ukrainian*.

From the Experience of Implementing Augmented Reality in the Practical Training of Specialists in Institutions of Professional Pre-Higher Education. Speaker: *Natalia Bosko*, PhD (Philosophy), teacher of physics, astronomy, Kryvyi Rih Vocational College of Trade and Hotel and Restaurant Business, assistant professor of the Department of Physics and Methods of Its Teaching, Kryvyi Rih State Pedagogical University (Kryvyi Rih, Ukraine) – *in Ukrainian*.

Gamification Through Immersive Technologies: Stimulating Creativity and Critical Thinking in STEM/STEAM. Speakers: *Alina Dashevskya*, Student of the Faculty of Economics, National University of Life and Environmental Sciences of Ukraine; Scientific Supervisor: *Iryna Chernelya*, Senior Lecturer at the Department of English Philology, National University of Life and Environmental Sciences of Ukraine (Kyiv, Ukraine) – *in English*.

Health-Preserving Aspect of Using Immersive Technologies in the Educational Process of Medical Education Institutions. Speakers: *Raisa Zharlinska*, PhD (Economic Sciences), Associate Professor, Associate Professor of the Department of Management and Marketing, Vinnytsia National Medical University named after M.I. Pirogov; *Valentyna Zverkhovska*, PhD (Legal Sciences), Associate Professor, Associate Professor of the Department of Forensic Medicine and Law, Vinnytsia National Medical University named after M.I. Pirogov; *Svitlana Romanenko*, PhD (Economic Sciences), Lecturer of the Department of Management and Marketing, Vinnytsia National Medical University named after M.I. Pirogov (Vinnytsia, Ukraine) – *in Ukrainian*.

Human-Machine Collaboration in Education. Speakers: *Bohdan Vorobei*, Student of the Faculty of Economics, National University of Life and Environmental Sciences of Ukraine; Scientific Supervisor: *Iryna Chernelya*, Senior Lecturer at the Department of English Philology, National University of Life and Environmental Sciences of Ukraine (Kyiv, Ukraine) – *in English*.

Immersive Educational Environments in General Schools: Forming the Content Component of Learning. Speaker: *Yuliia Nosenko*, PhD (Educational Sciences), Senior Researcher, Head of Department in the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Immersive Educational Web Game as a Tool for Developing STEM Competencies. Speakers: *Mykyta Harkavenko*, Master, Donetsk National Technical University (Drohobych, Ukraine); *Olena Lyubymenko*, PhD (Physical and Mathematical Sciences), Associate Professor, Donetsk National Technical University (Drohobych, Ukraine); *Natalia Maslova*, PhD (Technical Sciences), Associate Professor, Lviv State University of Life Safety (Lviv, Ukraine); *Oleksandr Shtepa*, PhD (Technical Sciences), Associate Professor, Donetsk National Technical University (Drohobych, Ukraine) – *in Ukrainian*.

Immersive Technologies as a Determinant of the Digital Transformation of Vocational Education in Ukraine. Speaker: *Lyubov Khomenko*, PhD (Physical and Mathematical Sciences), Associate Professor, Associate Professor of Poltava National Pedagogical University named after V. G. Korolenko (Poltava, Ukraine) – *in Ukrainian*.

Immersive Technologies as a Tool for Developing Entrepreneurial Competence in Vocational Education Students. Speaker: *Natalia Pavenko*, Methodologist at the Educational and Methodological Center of Vocational and Technical Education in Donetsk Region (Kramatorsk, Ukraine) – *in Ukrainian*.

Immersive Technologies for the Formation of Professional Competence of Future Management Specialists. Speaker: *Anna Terzi*, PhD Student, Izmail State Humanitarian University (Ismail, Ukraine) – *in Ukrainian*.

Immersive Technologies in Distance Learning: A New Dimension of the Learning Process. Speaker: *Svitlana Lytvynova*, Doctor of Education, Professor, Corresponding Member of the NAES of Ukraine, Deputy Director for Science in the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Immersive Technologies in STEM Education and Teachers' Readiness to Use Them. Speaker: *Oksana Lozova*, PhD student at the State Educational Institution “University of Educational Management” of the National Academy of Educational Sciences of Ukraine, Head of the STEM Education Department of the DNU “Institute for Modernization of Educational Content” (Kyiv, Ukraine) – *in Ukrainian*.

Immersive Technologies in the Study of Biological Disciplines (General Biology, Cytology, Histology, Genetics, Human Genetics, Biology of Individual Development). Speaker: *Serhiy Skrypnyk*, PhD (Educational Sciences), Associate Professor of the Department of Ecology and Biological Education, Khmelnytskyi National University (Khmelnytskyi, Ukraine) – *in Ukrainian*.

Integrating Augmented Reality into Biology Textbooks as a Means of Developing Students' Spatial Thinking. Speakers: *Olena Matviychuk-Yudina*, PhD (Educational Sciences), Associate Professor, Associate Professor of the Department of Computer Multimedia Technologies, State University “Kyiv Aviation Institute”; *Svitlana Sirenko*, student of the State University “Kyiv Aviation Institute” (Kyiv, Ukraine) – *in Ukrainian*.

Integrating Multimedia Elements into Online Poetry Collections – Educational Opportunities and Technological Solutions. Speaker: *Kateryna Ugrimova*, Student, Kharkiv National University of Economics (Kharkiv, Ukraine) – *in Ukrainian*.

Integration of Virtual, Augmented Reality and Artificial Intelligence Technologies as an Innovative Approach to Developing Teachers' Digital Competence in 2025. Speakers: *Oleksiy Zdorovets*, Head of the Regional Scientific and Methodological Center for Education Informatization; *Lyubov Severyna*, Methodologist of the Regional Scientific and Methodological Center for Education Informatization; *Olena Belyaeva*, Methodologist of the Regional Scientific and Methodological Center for Education Informatization, Municipal Institution “Zaporizhzhia Regional Institute of Postgraduate Pedagogical Education” of the Zaporizhzhia Regional Council (Zaporizhzhia, Ukraine) – *in Ukrainian*.

Introducing Virtual Reality into the High School Educational Process in Technology Lessons. Speaker: *Dmytro Lelyuk*, PhD Student of Poltava National Pedagogical University named after V.G. Korolenko (Poltava, Ukraine) – *in Ukrainian*.

Introduction of Virtual and Augmented Reality Technologies into the Online Education and Distance Learning System. Speaker: *Maryna Ledok*, Lecturer at the Department of Informatics, Municipal Institution “Kharkiv Humanitarian and Pedagogical Academy” of the Kharkiv Regional Council (Kharkiv, Ukraine) – *in Ukrainian*.

Methodology of Organizing Hybrid Conferences as a Form of Immersive Pedagogical Practice. Speaker: *Polina Kravtsova*, student of the Semen Kuznets Kharkiv National Economic University (Kharkiv, Ukraine) – *in English*.

Next-Generation Framework for Artificial Intelligence in Education. Speakers: *Oleksandr Pashchenko*, PhD (Technical Sciences), Associate Professor, Director of the Interbranch Educational and Scientific Institute of Continuing Education, National Technical University "Dnipro Polytechnic" (Dnipro, Ukraine); *Volodymyr Khomenko*, PhD (Technical Sciences), Associate Professor, Associate Professor of the Department of Oil and Gas Engineering and Drilling, National Technical University "Dnipro Polytechnic" (Dnipro, Ukraine) – *in English*.

On the Problem of Using Artificial Intelligence in Teaching Mathematics. Speaker: *Valentyna Kovalenko*, PhD (Educational Sciences), Senior Researcher, Leading Researcher of the Institute for Digitalisation of Education of NAES of Ukraine, Senior Researcher in State Scientific and Pedagogical Library of Ukraine named after V. O. Sukhomlynsky (Kyiv, Ukraine) – *in Ukrainian*.

Organization of Mathematics Teaching in Primary School Using Virtual Laboratories. Speakers: *Skvortsova S.O.*, Doctor of Educational Sciences, Professor, Head of the Department of Mathematics and Methods of Its Teaching, State Institution “South Ukrainian National Pedagogical University named after K.D. Ushynsky” (Odesa, Ukraine); *Britzkan T.G.*, PhD, Senior Lecturer, Department of Preschool and Primary Education, Ismail State Humanitarian University (Ismail, Ukraine) – *in Ukrainian*.

Overview of Practical Applications of Immersive Technologies in Physics Teaching. Speaker: *Oleksandra Sokolyuk*, PhD (Educational Sciences), Senior Researcher, Academic Secretary in the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Possibilities of Using Augmented Reality Technology in Education. Speaker: *Svitlana Inozemtseva*, PhD (Educational Sciences), Associate Professor, Associate Professor of the Department of Multimedia Design, Kharkiv State Academy of Design and Arts (Kharkiv, Ukraine) – *in Ukrainian*.

Preparing Future Primary School Teachers to Use Artificial Intelligence. Speaker: *Maryna Sytnitska*, Lecturer, Separate Structural Unit “Economic and Legal Professional College of Zaporizhia National University” (Zaporizhia, Ukraine) – *in Ukrainian*.

Prospects for the Development of Education and Science in a Digital Society. Speakers: *Vitaliy Svitlychnyi*, PhD (Technical Sciences), Associate Professor of the Department of Counteracting Cybercrime, National Institute No. 4, Kharkiv National University of Internal Affairs; *Rostyslav Kisil*, 3rd year cadet, National Institute No. 4, Kharkiv National University of Internal Affairs (Kamyanetsi-Podilskyi, Ukraine) – *in Ukrainian*.

Psychological and Communicative Aspects of Implementing Virtual Reality in Museums. Speaker: *Igor Medvedev*, PhD (Public Administration), Associate Professor, Senior Researcher, Municipal Institution of Ternopil City Council “Museum and Exhibition Center ‘Trostyanets’” (Trostyanets, Ukraine) – *in Ukrainian*.

Psychological and Pedagogical Aspects of Implementing Immersive Technologies in the Educational Process of Vocational (Vocational and Technical) Education Institutions. Speaker: *Iryna Nagayevska*, Educational and Methodological Office of Vocational and Technical Education in Zhytomyr Region (Zhytomyr, Ukraine) – *in Ukrainian*.

Strategies for Implementing Telemedicine in the Management of Medical Institutions. Speakers: *Yulia Golovchuk*, Doctor of Economics, Head of the Department of Management and Marketing, Vinnytsia National Medical University named after M. I. Pirogov; *Hanna Palahniuk*, PhD (Medical Sciences), Associate Professor, Associate Professor of the Department of Internal Medicine, Medical Faculty No. 2, Vinnytsia National Medical University named after M. I. Pirogov (Vinnytsia, Ukraine) – *in Ukrainian*.

Teaching Chemistry with Virtual Labs: a Bibliometric Insight Into Educational Focus. Speakers: *Billur Köfter*, Department of Mathematics and Science Education, Hacettepe University (Ankara, Turkey); *Fatma Alkan*, Professor, Dr., Department of Mathematics and Science Education, Hacettepe University (Ankara, Turkey); *Ayşem Seda Yücel*, Professor, Dr., Department of Mathematics and Science Education, Hacettepe University (Ankara, Turkey) – *in English*.

The Future of Education with AI: Transformation of the Educational Process and the Role of the Social Studies Teacher. Speaker: *Oksana Bogomaz*, Doctor of Philosophy, Senior Lecturer, Department of Methodology and Techniques of Social Studies, Mykhailo Dragomanov Ukrainian State University (Kyiv, Ukraine) – *in Ukrainian*.

The Impact of Artificial Intelligence on the Personalization of Learning in the Educational Process. Speaker: *Natalia Bogdanova*, Doctor of Philosophy, Professor, Acting Head of the Department of Educational Technologies and Occupational Safety, Bakhmut Educational and Scientific Vocational and Pedagogical Institute of V.N. Karazin Kharkiv National University (Kharkiv, Ukraine) – *in Ukrainian*.

The Impact of Immersive Technologies on the Formation of Professional Competencies of Cadets in Maritime Specialties. Speakers: *Olena Kononova*, Lecturer of the Higher Vocational School “Maritime Professional College of the Kherson State Maritime Academy”; *Alyona Yurzhenko*, PhD (Educational Sciences), Associate Professor of the Department of English for the Training of Maritime Specialists, Kherson State Maritime Academy; *Valeriy Svyryda*, Senior Lecturer of the Kherson State Maritime Academy (Odesa, Ukraine) – *in Ukrainian*.

The Role of AI in Transforming Modern Education. Speaker: *Lyudmila Shanaeva-Tsymbal*, PhD (Public Administration), Associate Professor, Associate Professor of the Department of English Philology, National University of Life and Environmental Sciences of Ukraine (Kyiv, Ukraine) – *in English*.

The Role of Prompt Engineering in the Development of Digital Literacy of Pupils and Students. Speakers: *Vitaliy Svitlychnyi*, PhD (Technical Sciences), Associate Professor of the Department of Counteracting Cybercrime, National Institute No. 4, Kharkiv National University of Internal Affairs; *Kateryna Borisova*, 3rd year cadet of NNI No. 4, Kharkiv National University of Internal Affairs; *Mykhailo Nagorny*, 3rd year cadet of NNI No. 4, Kharkiv National University of Internal Affairs (Kamyanets-Podilskyi, Ukraine) – *in Ukrainian*.

The Use of Immersive Technologies in Blended Learning of Mathematics in a Teacher Training College Using the Example of the AR_Book Platform. Speaker: *Alla Terepa*, PhD (Education), Lecturer in Mathematics, Municipal Institution of Higher Education “Vinnytsia Humanitarian and Pedagogical College” (Vinnytsia, Ukraine) – *in Ukrainian*.

The Use of Immersive Technologies when Studying the Astronomical Component of the Educational Branch “Natural Science”. Speakers: *Nataliya Myslitska*, Doctor of Pedagogical Sciences, Professor, Head of the Department of Scientific, Natural and Mathematical Disciplines, Municipal Institution of Higher Education “Vinnytsia Humanitarian and Pedagogical College”; *Volodymyr Zabolotny*, Doctor of Pedagogical Sciences, Professor, Professor of the Department of Physics and Methods of Teaching Physics, Astronomy, Vinnytsia State Pedagogical University named after Mykhailo Kotsiubynskyi; *Yulia Gendega*, Bachelor Student, Municipal Institution of Higher Education “Vinnytsia Humanitarian and Pedagogical College” (Vinnytsia, Ukraine) – *in Ukrainian*.

The Use of Immersive Technologies while Maritime English Teaching. Speakers: *Yuliia Bevzenko*, teacher of Maritime Applied College of Kherson State Maritime Academy (Odesa, Ukraine); *Olena Kononova*, teacher of Maritime Applied College of Kherson State Maritime Academy, PhD student of Kherson State University (Odesa, Ukraine); *Anna Rosliakova*, teacher of Maritime Applied College of Kherson State Maritime Academy (Odesa, Ukraine); *Alona Yurzhenko*, PhD, Associate Prof. of English Language Department for Maritime Officers (abridged programme), Kherson State Maritime Academy (Odesa, Ukraine) – *in English*.

The Use of Mixed Reality Technologies in Education. Speakers: *Khrystyna Khomenko*, Student of the Faculty of Economics; Scientific Supervisor: *Iryna Chernelya*, Senior Lecturer at the Department of English Philology, National University of Life and Environmental Sciences of Ukraine (Kyiv, Ukraine) – *in English*.

Theoretical Foundations of the Use of Immersive Technologies in STEAM Education. Speaker: *Maria Medvedieva*, PhD (Educational Sciences), Associate Professor, Head of the Department of Informatics and Information and Communication Technologies, Pavlo Tychyna Uman State Pedagogical University (Uman, Ukraine) – *in Ukrainian*.

Using Artificial Intelligence for Political Disciplines in Education. Speaker: *Olga Naumenko*, PhD (Political Sciences), Associate Professor, Associate Professor of the Department of Political Technologies, Vadym Hetman Kyiv National Economic University (Kyiv, Ukraine) – *in Ukrainian*.

Using Artificial Intelligence in Training Future Managers. Speaker: *Volodymyr Dyvak*, PhD (Educational Sciences), Associate Professor, Associate Professor of the Department of Computer Sciences and Information Systems, State University of Trade and Economics (Kyiv, Ukraine) – *in Ukrainian*.

Using augmented reality technologies in textbooks. Speakers: *Vitaliy Nikitin*, PhD student of the Department of Multimedia Technologies, Lviv Polytechnic National University; Scientific supervisor: *Svitlana Vasyuta*, PhD (Technical Sciences), Associate Professor, Associate Professor of the Department of Multimedia Technologies, Lviv Polytechnic National University (Lviv, Ukraine) – *in Ukrainian*.

Using CoSpaces Edu to Evaluate the Results of STEAM Projects in Secondary Education Institutions. Speaker: *Natalia Soroko*, PhD (Educational Sciences), Leading Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Using Drone Control Simulators in Computer Science Lessons. Speakers: *Oleksandr Kryvonos*, PhD (Educational Sciences), Associate Professor, Department of Computer Science and Information Technologies, Ivan Franko Zhytomyr State University; *Mykola Pyyma*, Bachelor student, Ivan Franko Zhytomyr State University (Zhytomyr, Ukraine) – *in Ukrainian*.

Using generative artificial intelligence to create educational visualizations. Speakers: *Oleksandr Bobarchuk*, PhD (Technical Sciences), Associate Professor, Head of the Department of Computer Multimedia Technologies, State University “Kyiv Aviation Institute”; *Tetyana Zlotkivska*, Student of the State University “Kyiv Aviation Institute” (Kyiv, Ukraine) – *in Ukrainian*.

Using Immersion Technologies to Develop Simultaneous and Consecutive Interpreting Skills. Speaker: *Lesia Matviienko*, PhD (Educational Sciences), Associate Professor of the Department of Germanic and Ukrainian Philology, Poltava State Agrarian University (Poltava, Ukraine) – *in English*.

Using Immersive Technologies in Teaching Financial Literacy to Secondary School Students. Speakers: *Iryna Korkishko*, Junior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine; *Alisa Sukhikh*, PhD (Education), Senior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Using Immersive Technologies to Monitor the School's Digital Environment. Speaker: *Oksana Kravchyna*, Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Using Mobile Applications to Develop Students' Creative Thinking in Technological Education. Speakers: *Dmytro Lelyuk*, PhD student of Poltava National Pedagogical University named after V. G. Korolenko; *Lyubov Khomenko*, PhD (physical and mathematical sciences), Associate Professor, Associate Professor of Poltava National Pedagogical University named after V. G. Korolenko (Poltava, Ukraine) – *in Ukrainian*.

Using Otter.Ai and Microsoft Copilot for Teams in Education: Experience of Department of Histology, Cytology and Embryology of Zaporizhzhia State Medical and Pharmaceutical University. Speakers: *Makyeyeva Lyudmyla*, Assistant; *Aliyeva Olena*, PhD (Biological Sciences), Associate Professor; *Gromokovska Tetyana*, PhD (Medical Sciences), Assistant; *Popazova Olena*, Assistant; *Tavrog Marianna*, PhD (Medical Sciences), Associate Professor; *Potots'ka Olena*, PhD (Biological Sciences), Associate Professor, Zaporizhzhia State Medical and Pharmaceutical University (Zaporizhzhia, Ukraine) – *in English*.

Using Virtual Reality Technologies in the Training of Future Mathematics and Computer Science Teachers. Speaker: *Olga Dushchenko*, PhD (Educational Sciences), Associate Professor of the Department of Mathematics, Informatics and Information Activities, Ismail State Humanitarian University (Ismail, Ukraine) – *in Ukrainian*.

Virtual Reality as an Effective Tool for Teaching Physics at “New Ukrainian School”. Speaker: *Olga Slobodianyuk*, PhD (Educational Sciences), Senior Researcher of the Institute for Digitalisation of Education of NAES of Ukraine (Kyiv, Ukraine) – *in Ukrainian*.

Virtual Reality Technology as an Innovative Tool in the Professional Training of Future Teachers of Natural Sciences. Speaker: *Iryna Truskavetska*, Doctoral Student, Associate Professor of the Department of Natural Sciences and Teaching Methods of the Grigoriy Skovoroda University in Pereyaslav (Pereyaslav, Ukraine) – *in Ukrainian*.

Virtual Tours as a Tool for Interactive Study of Graphic Design Styles. Speaker: *Denysenko Svitlana*, PhD (Educational Sciences), Associate Professor, State University “Kyiv Aviation Institute” (Kyiv, Ukraine) – *in Ukrainian*.

Virtual Tours of Polish Cities as a Tool for Intercultural Communication. Speakers: *Yuriy Hrytsuk*, PhD (Technical Sciences), Associate Professor, Acting Head of the Department, Donbas National Academy of Civil Engineering and Architecture; *Oksana Hrytsuk*, PhD (Psychological Sciences), Associate Professor, Horlivka Institute of Foreign Languages, State Higher Educational Institution “DDPU” (Ukraine) – *in Ukrainian*.

VR, AR, MR: How Modern Technologies are Changing the Approach to Medical Training. Speakers: *Elizaveta Turchyna*, student of the Bogomolets National Medical University; scientific supervisor: *Liliya Desyatnyuk*, lecturer at the Department of Medical and Biological Physics and Informatics of the Bogomolets National Medical University (Kyiv, Ukraine) – *in Ukrainian*.

2nd PLENARY SESSION:
SUMMARIZING THE RESULTS OF THE CONFERENCE
15:00 – 15:30 (Kyiv Summer Time)