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# INFORMATIZATION OF EDUCATION AND E-LEARNING METHODOLOGY: Digital Technologies in Education

**6th International Conference  
Krasnoyarsk, September 20, 2022 –  
September 23, 2022**



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*The Organizing Committee of the Conference expresses gratitude  
for supporting the Regional State Autonomous Institution  
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Scientific and Technical Activities" within the framework of the  
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"Informatization of education and e-learning methods: digital  
technologies in education""  
and partner enterprise IRTech JSC (Samara)*

*The program shows local time (Krasnoyarsk, MCK+4)*

09:00–10:00	<b>Registration of participants</b> (st. Academician Kirensky 26 k1 (ULK))
10:00–10:10	<b>Conference opening</b>
<b>Plenary session</b> ULK 112  <i>Chairman M. V. Noskov</i>	
10:10–10:35	<b>Alexander Yu. Uvarov</b> O ON THE DEFICITS OF RESEARCH AND DEVELOPMENT FOR THE SCHOOL'S DIGITAL RENEWAL IN RUSSIA <i>Federal Research Centre "Computer Science and Control" of the Russian Academy of Sciences, Moscow, Russia National Research University Higher School of Economics, Moscow, Russia</i>
10:35–11:00	<b>Sergei D. Karakozov<sup>1</sup>, Natalia I. Ryzhova<sup>2</sup></b> HUMANITARIAN AND MATHEMATICAL MODELING TO STUDY SOCIAL AND HUMANITARIAN SYSTEMS IN THE CONTEXT OF DIGITAL TRANSFORMATION <sup>1</sup> <i>Moscow Pedagogical State University, Moscow, Russia</i> <sup>2</sup> <i>Institute for Strategy of Education Development of the Russian Academy of Education, Moscow, Russia</i>
11:00–11:25	<b>Anatolii E. Polichka, Natalya P. Tabachuk</b> THE TERRITORY OF DATA AND DIGITAL TOOLS IN THE STUDY OF MATHEMATICS AND COMPUTER SCIENCE BY STUDENTS OF THE UNIVERSITY <i>Pacific National University, Khabarovsk, Russia</i>
11:25–11:40	<b>Coffee break</b>
11:40–12:05	<b>Olga A. Agatova</b> BIG DATA IN RUSSIAN EDUCATION: METHODS OF DATA ANALYSIS ON EDUCATION AND HUMAN DEVELOPMENT, DIGITAL DATA SERVICES <i>Russian Academy of Education, Moscow, Russia</i>
12:05–12:30	<b>Igor M. Zatsman</b> HE STRATEGY OF EUROPEAN DIGIT AL EDUCATION: TWO TIERS AND THEORETICAL FOUNDATIONS FOR ITS CREATING <i>Institute of Informatics Problems, Federal Research Center «Computer Science and Control» of the Russian Academy of Sciences, Moscow, Russia</i>
12:30–12:55	<b>Alexei L. Semenov<sup>1</sup>, Elena I. Bulin-Sokolova<sup>2</sup>, Alexey A. Muranov<sup>3</sup>, Tatiana A. Rudchenko<sup>4</sup></b> DIGITAL TECHNOLOGIES IN PRIMARY SCHOOL. INTRODUCTION TO THE FUTURE WORLD <sup>1</sup> <i>Institute of Education, National Research University Higher School of Economics, Moscow, Russia Herzen State Pedagogical University of Russia, Saint Petersburg, Russia</i> <sup>2</sup> <i>Educational Bureau Lernity GC A101, Moscow, Russia</i> <sup>3</sup> <i>Center for the Development of Effective Education, Moscow, Russia</i> <sup>4</sup> <i>Axel Berg Institute of Cybernetics and Educational Computing, Federal Research Center «Computer Science and Control» of Russian Academy of Sciences, Moscow, Russia</i>
12:55–14:30	<b>Lunch break</b>
14:30–14:55	<b>Natalya A. Lyz</b> ARTIFICIAL INTELLIGENCE SYSTEMS IN EDUCATION: OPPORTUNITIES AND LIMITATIONS <i>Southern Federal University, Taganrog, Russia</i>

14:55–15:20	<p><b>Olga S. Alekseeva<sup>1</sup>, Aleksandr S. Chirtsov<sup>2</sup>, Timofey A. Chirtsov<sup>3</sup></b>  CONCEPT AND APPLY OF ELECTRONIC ADAPTIVE TESTING SYSTEM IN TEACHING PHYSICS  <sup>1</sup><i>Saint Petersburg Electrotechnical University “LETI”, Saint Petersburg, Russia</i>  <sup>2,3</sup><i>Herzen State Pedagogical University of Russia, Saint Petersburg, Russia</i></p>
15:20 – 15:45	<p><b>Anastasia V. Miklyaeva, Vladimir N. Panferov</b>  PROCEDURAL AND RESULTANT CHARACTERISTICS OF ONLINE SEARCH FOR EDUCATIONAL INFORMATION IN ADOLESCENTS WITH DIFFERENT LATERAL PREFERENCES  <i>Herzen State Pedagogical University of Russia, Saint Petersburg, Russia</i></p>
15:45–16:10	<p><b>Svetlana E. Motornaya</b>  METHODOLOGICAL BASES FOR CONSTRUCTING THE HIGHER SCHOOL EDUCATIONAL PROCESS IN CONDITIONS OF DIGITAL SOCIETY TRANSFORMATION  <i>Sevastopol State University, Sevastopol, Russia</i></p>
16:10–16:35	<p><b>Veneta V. Tabakova-Komsalova<sup>1</sup>, Stanimir N. Stoyanov<sup>2</sup>, Lubka A. Doukovska<sup>3</sup></b>  DIGITAL BULGARIA IN PROLOG PROJECT  <sup>1,2</sup> <i>Plovdiv University “Paisii Hilendarski”, Plovdiv, Bulgaria</i>  <sup>1,2,3</sup> <i>Institute of Information and Communication Technologies, Bulgarian Academy of Sciences, Sofia, Bulgaria</i></p>
16:35–17:00	<p><b>Sergey A. Beshenkov, Margarita I. Shutikova</b>  TECHNOLOGY COURSE AS A PLATFORM FOR MODERN INFORMATION AND TECHNOLOGY EDUCATION  <i>Academy of Public Administration, Moscow, Russia</i></p>
17:00–17:25	<p><b>G. Wang, Y. Kang, X. Chen, Y. Zhen, J. Liu</b>  RESEARCH ON INTELLIGENT ASSESSMENT OF MATHEMATICS LEARNING QUALITY OF PRIMARY AND SECONDARY SCHOOL STUDENTS – TAKING MATHEMATICAL METACOGNITION AS AN EXAMPLE  <i>Tianjin Normal University, Tianjin, China</i></p>
17:30	<b>Buffet</b>

<b>SECTION 1</b> <b>Analysis of educational data</b> <b>and mathematical modelling of a student and an educational process</b> <i>ULK 112</i>  <b>Chairman T. A. Kustitskaya</b>	
09:00–09:15	<b>Tatyana V. Zykova<sup>1</sup>, Evgeniy A. Khalturin<sup>2</sup>, Alexey A. Kytmanov<sup>3</sup></b> COMPETENCY COMPONENT OF THE CURRICULUM FOR LEARNING IT ENGINEERS <i><sup>1, 2, 3</sup>Siberian Federal University, Krasnoyarsk, Russia</i> <i><sup>3</sup>Plekhanov Russian University of Economics, Moscow, Russia</i>
09:15–09:30	<b>Mikhail V. Noskov, Yulia.V. Vainshtein</b> ON CURRENT TASKS OF LEARNING ANALYTICS IN RUSSIA <i>Siberian Federal University, Krasnoyarsk, Russia</i>
09:30–9:45	<b>Viktor A. Uglev</b> INTEGRATION OF GRAPH STRUCTURES AND THEIR VISUALIZATION IN THE SUPPORT OF DECISION-MAKING TASKS IN E-LEARNING <i>Siberian Federal University, Zheleznogorsk, Russia</i>
9:50–10:05	<b>Vladimir M. Stasyshin</b> ANALYSIS OF THE EDUCATIONAL PROCESS AT THE FACULTY USING A FEEDBACK SYSTEM WITH GRADUATES <i>Novosibirsk State Technical University (NSTU-NETI), Novosibirsk, Russia</i>
10:05–10:20	<b>Marina S. Vorobeva, Irina G. Zakharova, Antonina V. Melnikova</b> TEAM FORMING FOR A PROJECT BASED ON THE BIG DATA OF THE LEARNING PROCESS <i>University of Tyumen, Tyumen, Russia</i>
10:20–10:35	<b>Alexey N. Poletaikin<sup>1</sup>, Yevgeniy A. Firsov<sup>2</sup>, Lubov Ph. Danilova<sup>3</sup>, Yuliya V. Shevtsova<sup>4</sup>, Tatyana I. Monastirskaya<sup>5</sup></b> EDUCATIONAL CONTENT MINING TECHNOLOGY <i><sup>1, 2</sup>Kuban State University, Krasnodar, Russia</i> <i><sup>1, 3, 4, 5</sup>Siberian State University of Telecommunications and Information Science, Novosibirsk, Russia</i>
10:35–10:50	<b>Nikolay I. Pak</b> METHOD FOR FORMALIZING THE PROCESS OF COMPOSING MATHEMATICAL PROBLEMS <i>Siberian Federal University, Krasnoyarsk, Russia</i>
10:50-11:05	<b>Ivan A. Karlov</b> DATA DRIVEN MODELS IN STUDYING PROCESSES OF THE UNIVERSITY: SYSTEMATIZATION OF INTERNATIONAL EXPERIENCE <i>National Research University Higher School of Economics, Moscow, Russia</i>
11:05-11:20	<b>Coffee break</b>
11:20–11:35	<b>N. V. Kaznzcheeva<sup>1</sup>, S. M. Lukina<sup>2</sup>, I. A. Panasenko<sup>3</sup>, A. N. Poletaikin<sup>4</sup></b> FUZZY DATA ANALYSIS MODEL FOR DETERMINING THE PROFILE OF MASTER'S DEGREE STUDIES <i><sup>1, 2, 4</sup>Siberian State University of Telecommunications and Information Science, Novosibirsk, Russia</i> <i><sup>3, 4</sup>Kuban State University, Krasnodar, Russia</i>
11:35–11:50	<b>Oksana M. Gushchina, Oxana V. Anikina</b> ANALYSIS OF EDUCATIONAL DATA IN BUILDING A MODEL FOR QUANTITATIVE ASSESSMENT OF THE LEVEL OF STUDENT COMPETENCIES <i>Togliatti State University, Togliatti, Russia</i>

11:50–12:05	<b>Elena A. Drugova</b> REVIEW OF LEARNING ANALYTICS FOR INFORMING LEARNING DESIGN IN HIGHER EDUCATION <i>National Research University Higher School of Economics, Moscow, Russia</i>
12:05–12:20	<b>Viktor V. Kazachenok</b> ASSESSMENT OF MEDIA LITERACY AND MEDIA COMPETENCE <i>Belarusian State University, Minsk, Belarus</i>
12:20–12:35	<b>Tatyana A. Kustitskaya<sup>1</sup>, Roman V. Esin<sup>2</sup>, Mikhail V. Noskov<sup>3</sup>, Tatyana V. Zykova<sup>4</sup></b> DIGITAL FOOTPRINT FROM LMS MOODLE FOR LEARNING SUCCESS PREDICTION <i>Siberian Federal University, Krasnoyarsk, Russia</i>
12:35–12:50	<b>Nelly G. Domshenko<sup>1</sup>, Maria N. Morozova<sup>2</sup>, Aleksandr V. Spesivtsev<sup>3</sup>, Olga V. Ozerova<sup>4</sup>, Vasilii A. Spesivtsev<sup>5</sup></b> THE STUDY OF THE INDIVIDUAL ASPECT IN ASSESSING THEORETICAL KNOWLEDGE WITH THE USE OF FUZZY-POSSIBILITY MODELS. BASED ON THE MATERIAL OF THE ESSAYS OF ST. PETERSBURG STATE UNIVERSITY STUDENTS' FINAL PAPER <i><sup>1,2,4</sup>Saint Petersburg State University, Saint Petersburg, Russia</i> <i><sup>3</sup> Saint Petersburg FRC RAS, Saint Petersburg, Russia</i>
12:50– 13:05	<b>Marina A. Anikieva</b> MODELING THE PROGRAM OF THE EDUCATIONAL DISCIPLINE ON THE BASIS OF THE CALCULATION OF THE LABOR OUTPUT OF MASTERING THE CONCEPTS <i>Siberian Federal University, Krasnoyarsk, Russia</i>
13:05–14:15	<b>Lunch break</b>
<b>SECTION 2</b> <b>Digital didactics</b> <i>ULK 112</i>  <b>Chairman T. O. Kochetkova</b>	
14:15–14:30	<b>Aliya V. Bukusheva</b> COMPUTATIONAL THINKING IN HIGHER EDUCATION: A REVIEW OF RESEARCH <i>Saratov State University, Saratov, Russia</i>
14:30–14:45	<b>Vadim V. Grinshkun<sup>1</sup>, Olga Yu. Zaslavskaya<sup>2</sup></b> UNIVERSITIES DIGITAL TECHNOLOGIES DEVELOPMENT UNDER FORCED RESTRICTIONS: PATTERNS AND CONSEQUENCES <i><sup>1</sup>Russian Academy of Education, Moscow,</i> <i><sup>2</sup>Russia Moscow City University, Moscow, Russia</i>
14:45–15:00	<b>Julia A. Alyabysheva<sup>1</sup>, Anatoly A. Vereyev<sup>2</sup>, Julia E. Lozichenko<sup>3</sup></b> INTERACTIVITY METRICS IN THE EDUCATIONAL PROCESS <i><sup>1,2</sup> Altai State Pedagogical University, Barnaul, Russia</i> <i><sup>3</sup> Shukshin Altai State for Humanities and Pedagogy University, Biysk, Russia</i>
15:00–15:15	<b>Sergey Ya. Zhukovich</b> DEVELOPMENT OF AN AUTOMATED DISTANCE LEARNING SYSTEM BASED ON THE OPTIMAL CONTROL THEORY <i>Institute of Information Technologies, Mathematics and Mechanics (postgraduate studies) of Lobachevsky University, Nizhny Novgorod, Russia, Borisov State Polytechnic College (branch) of the Belarusian National Technical University, Belarus</i>
15:15–15:30	<b>Olga N. Shilova<sup>1</sup>, Elena Yu. Ignateva<sup>2</sup></b> ОЦЕНИВАНИЕ ЦИФРОВЫХ КОМПЕТЕНЦИЙ ПЕДАГОГОВ САНКТ-ПЕТЕРБУРГА: МЕТОДОЛОГИЯ И НЕКОТОРЫЕ РЕЗУЛЬТАТЫ <i><sup>1,2</sup>Saint Petersburg Academy of In-Service Pedagogical Education, Saint Petersburg, Russia</i> <i><sup>2</sup>Yaroslav-the-Wise Novgorod State University, Velikiy Novgorod, Russia</i>

15:30–15:45	<b>Natalya N. Novikova, Vita F. Poberezhskaya</b> REGULATORY AND COMMUNICATION SKILLS OF STUDENTS OF THE SECONDARY SCHOOL IN THE CONDITIONS OF DISTANCE LEARNING <i>Syktvykar State University. Pitirim Sorokina, Syktvykar, Russia</i>
15:45–16:00	<b>Ivan S. Polevshchikov<sup>1</sup>, Rostislav A. Kravchenko<sup>2</sup>, Egor R. Ponasenkov<sup>3</sup></b> AUTOMATED CONTROL OF KNOWLEDGE AND SKILLS OF FUZZY MODELING USING A TRAINING SYSTEM <i>Moscow State University of Food Production, Moscow, Russia</i>
16:00-16:15	<b>Coffee break</b>
16:15–16:30	<b>Yana Ye. Rupasova</b> SOME ASPECTS OF THE STUDENTS' PREPAREDNESS FOR INNOVATIVE ACTIVITY IN THE CONTEXT OF DIGITALIZATION OF EDUCATION Russian Academy of National Economy and Public Administration under the President of the Russian Federation, Moscow, Russia Financial University under the Government of the Russian Federation, Moscow, Russia
16:30–16:45	<b>Boris E. Starichenko, Liubov V. Sardak</b> CLUSTER APPROACH TO DESIGN INTERACTIVE DISTANCE LESSONS <i>Ural State Pedagogical University, Yekaterinburg, Russia</i>
16:45-17:00	<b>Olga M. Chorosova, Aleksandra Z. Alekseeva, Galina S. Solomonova</b> DIDACTICS OF DIGITAL LEARNING: PROBLEMS, SEARCHES, SOLUTIONS M. K. Ammosov North-Eastern Federal University, Yakutsk, Russia
17:00-17:15	<b>Vladislav V. Andoni<sup>1</sup>, Sergey A. Videnin<sup>2</sup></b> INCREASING THE APPLIED SIGNIFICANCE OF THE DPO PROGRAM THROUGH IMPROVING THE PROCESS OF FORMING EDUCATIONAL PROGRAMS WITHIN THE FRAMEWORK OF RETRAINING COURSES AND OBTAINING ADDITIONAL QUALIFICATIONS <i><sup>1</sup>Siberian Federal University, Krasnoyarsk, Russia</i> <i><sup>2</sup>National Research University Higher School of Economics, Moscow, Russia</i>
17:15-17:30	<b>Ekaterina A. Bezyzvestnykh</b> DEVELOPMENT TEACHERS' COMPETENCIES AT A DIGITAL UNIVERSITY ITMO <i>University ITMO, Saint Petersburg, Russia</i>
17:30-17:45	<b>Sergey Yu. Glazov, Vadim L. Usol'tsev, Alexey N. Sergeev</b> SMART AUDITORIUM IN THE UNIVERSITY EDUCATIONAL PROCESS <i>Volgograd State Socio-Pedagogical University, Volgograd, Russia</i>
17:45-18:00	<b>Coffee break</b>
18:00-19:10	<b>ROUND TABLE «STEM- education»</b> ( <i>st. Academician Kirensky 26 k1 ULK 112</i> )  <b>Gregory Makrides</b> A PARADIGM SHIFT TO EDUCATION 4.0: THE STEAME SCHOOL OF THE FUTURE <i>Cyprus Mathematical Society, THALES Foundation, Nicosia, Cyprus</i>  <b>S. A. Lovyagin</b> STEM EDUCATION IN RUSSIA: DIGITAL TECHNOLOGIES, SUBJECT INTEGRATION AND PROJECT APPROACH <i>Khoroshevskaya school, Moscow, Russia</i>
<b>SECTION 3</b> <b>Methodological and organizational issues of education digitalization in school: resources and perspectives (working languages: Russian, English)</b>  <i>ULK 216</i>  <b>Chairman T. V. Zykova</b>	
14:15–14:30	<b>Todorka A. Glushkova, Irina K. Krasteva</b> APPLICATION OF BLOCK-BASED PROGRAMMING TO BUILD KEY DIGITAL COMPETENCES IN SECONDARY SCHOOL LEARNING <i>Plovdiv University "Paisii Hilendarski", Plovdiv, Bulgaria</i>

14:30–14:45	<p><b>Tatyana L. Blinova<sup>1</sup>, Karina Yu. Naymushina<sup>2</sup></b>  PROBLEMS OF A MATHEMATICS TEACHER IN THE MASTERING AND APPLICATION OF MODERN DIGITAL RESOURCES IN THE EDUCATIONAL PROCESS  <sup>1</sup><i>Ural State Pedagogical University, Ekaterinburg, Russia</i>  <sup>2</sup><i>School № 10, Revda, Russia</i></p>
14:45–15:00	<p><b>Vladimir V. Vikhrev</b>  HISTORICAL AND STATISTICAL CONTEXTS OF THE STATE PROJECT “DIGITAL EDUCATIONAL ENVIRONMENT”  <i>Federal Research Center «Computer Science and Control» of the Russian Academy of Sciences, Moscow, Russia</i></p>
15:00–15:15	<p><b>Vladimir V. Vikhrev</b>  ANALYSIS OF THE PRACTICE OF DIGITAL RENEWAL OF EDUCATION – THE TEACH TO ONE: MATH PROJECT  <i>Federal Research Center «Computer Science and Control» of the Russian Academy of Sciences, Moscow, Russia</i></p>
15:15–15:30	<p><b>Svetlana A. Bezgodova, Svetlana V. Vasileva, Pavel N. Vinogradov, Elena V. Yurkova</b>  INDIVIDUAL AND ENVIRONMENTAL DETERMINANTS OF ALIENATION FROM THE LEARNING ACTIVITIES OF SENIOR PUPILS DURING DISTANCE LEARNING  <i>Herzen State Pedagogical University of Russia, Saint Petersburg, Russia</i></p>
15:30–15:45	<p><b>Viktor A. Dalinger<sup>1</sup>, Viktor P. Fedorov<sup>2</sup></b>  MIXED EDUCATION IN THE SERVICE OF PARTICIPANTS IN THE EDUCATIONAL PROCESS AT SCHOOL AND UNIVERSITY  <sup>1</sup><i>Omsk State Pedagogical University, Omsk, Russia</i>  <sup>2</sup><i>Northeastern State University, Magadan, Russia</i></p>
15:45–16:00	<p><b>Maria A. Karaivanova</b>  THE STUDY OF MATHEMATICS IN USE ON CRITICAL THINKING IN HISTORY  <i>Academy of Music Dance and Fine Art “Prof. Asen Diamandiev”, Plovdiv, Bulgaria</i></p>
16:00-16:15	<b>Coffee break</b>
16:15–16:30	<p><b>Mikhail D. Kitaygorodskiy</b>  STUDY OF TECHNOLOGIES OF THE INTERNET OF THINGS IN THE CONDITIONS OF DISTANCE LEARNING  <i>Pitirim Sorokin Syktyvkar State University, Syktyvkar, Russia</i></p>
16:30–16:45	<p><b>Ahtam P. Nazarov<sup>1</sup>, Mohrui Abdulahad<sup>2</sup></b>  FACILITATING THE TEACHER'S WORK WITH AN OBJECTIVE EXAMINATION OF STUDENTS' KNOWLEDGE IN PHYSICS OF THE 7TH GRADE  <sup>1</sup><i>Ayni Tajik State Pedagogical University, Vahdat, Tajikista</i>  <sup>2</sup><i>Pedagogical Institute of Tajikistan in the city, Penjikent, Tajikistan</i></p>
16:45-17:00	<p><b>Alexander V. Giglavy</b>  DIGITAL LEARNING ENVIRONMENT AS A TOOL FOR ENHANCING PROBLEM-SOLVING ACTIVITY IN COMPREHENSIVE SCHOOLS  <i>School № 1533 «LIT», Moscow, Russia</i></p>
17:00-17:15	<p><b>Hamlet S. Mikaelian</b>  VALUE-ORIENTED TEACHING OF MATHEMATICS IN THE CONTEXT OF DIGITALIZATION AS A FACTOR IN THE PSYCHOLOGICAL SAFETY OF STUDENTS  <i>Abovyan Armenian State Pedagogical University, Yerevan, Armenia</i></p>
17:15-17:30	<p><b>Igor A. Murtazin</b>  THE USE OF A VIRTUAL CONSTRUCTOR IN 3D MODELING CLASSES AT THE VITYAZEVA HOUSE OF SCIENTIFIC COLLABORATION  <i>Pitirim Sorokin Syktyvkar State University, Syktyvkar, Russia</i></p>
17:30-17:45	<p><b>Dora T. Rudakova</b>  DEVELOPMENT OF PERSONAL POTENTIAL BASED ON INDIVIDUALIZATION IN A DIGITAL EDUCATIONAL ENVIRONMENT  <i>Moscow City University, Moscow, Russia</i></p>
17:45-18:00	<b>Coffee break</b>

18:00-19:10	<p><b>ROUND TABLE «STEM- education»</b> (<i>st. Academician Kirensky 26 k1 ULK 112</i>)</p> <p><b>Gregory Makrides</b> A PARADIGM SHIFT TO EDUCATION 4.0: THE STEAME SCHOOL OF THE FUTURE <i>Cyprus Mathematical Society, THALES Foundation, Nicosia, Cyprus</i></p> <p><b>S. A. Lovyagin</b> STEM EDUCATION IN RUSSIA: DIGITAL TECHNOLOGIES, SUBJECT INTEGRATION AND PROJECT APPROACH <i>Khoroshevskaya school, Moscow, Russia</i></p>
<p><b>SECTION 4</b></p> <p><b>Информатизация Digitalization of methodical training in subject areas</b></p> <p><i>ULK 116</i></p> <p><i>Chairman M. V. Noskov</i></p>	
09:00–09:15	<p><b>Igor A. Chudakin<sup>1</sup>, Sergey A. Videnin<sup>2</sup></b> COMPARISON OF A COMPUTER BUSINESS GAME BASED ON A SYSTEM OF COOPERATIVE DIALOGUES WITH CLASSIC CLOSED-TYPE TEST TASKS <sup>1</sup>Siberian <i><sup>1</sup>Siberian Federal Unniversity, Krasnoyarsk, Russia</i> <i><sup>2</sup>National Research Unniversity Higher School of Economics, Moscow, Russia</i></p>
09:15–09:30	<p><b>Alexander S. Selivanov, Dmitriy Yu. Chernikov</b> USE OF FRAGMENTS OF AUTONOMOUS MOBILE CONTROL COMPLEX FOR TRAINING AND PRACTICAL WORK <i>Siberian Federal University, Krasnoyarsk, Russia</i></p>
09:30–9:45	<p><b>Taalaybek E. Umetov</b> FOLK GAMES AS A MEANS OF FORMING AND DEVELOPING MATHEMATICAL SKILLS <i>Akhunbaev Kyrgyz State Medical Academy, Bichkek, Kyrgyzstan</i></p>
9:50–10:05	<p><b>Yulia O. Mashinets<sup>1</sup>, Dmitriy Yu. Chernikov<sup>2</sup></b> ALGORITHMS FOR INVESTIGATION OF STATISTICAL CHARACTERISTICS OF DELAYS IN IP TELECOMMUNICATION NETWORKS <i><sup>1</sup>Physics and Mathematics School of Siberian Federal University, Krasnoyarsk, Russia</i> <i><sup>2</sup>Siberian Federal University, Krasnoyarsk, Russia</i></p>
10:05–10:20	<p><b>Evgeniy A. Khalturin<sup>1</sup>, Sergey A. Videnin<sup>2</sup></b> MODEL OF GAMIFICATION FOR TEACHING THE SUBJECT OF THE THEORY OF ALGORITHMS AND ITS MOTIVATIONAL COMPONENT <i><sup>1</sup>Siberian Federal University, Krasnoyarsk, Russia</i> <i><sup>2</sup>National Research University Higher School of Economics, Moscow, Russia</i></p>
10:20–10:35	<p><b>Kirill L. Savitskiy</b> EVALUATING OF EDTECH PRODUCTS FOR USE IN EDUCATIONAL ORGANIZATIONS: FIRST DRAFT <i>Institute of Education, National Research University Higher School of Economics, Moscow, Russia</i></p>
10:35–10:50	<p><b>Aleksandr V. Liaptsev<sup>1</sup>, Aleksandra A. Denisevich<sup>2</sup></b> IMPLEMENTATION OF THE PRINCIPLE OF VISIBILITY IN DISTANCE LEARNING OF PHYSICS IN SPO BASED ON THE CREATION AND USE OF COMPUTER MODELS <i><sup>1</sup>Herzen State Pedagogical University of Russia, Saint Petersburg, Russia</i> <i><sup>2</sup>Polytekhnic College of Municipal Economy, Saint Petersburg, Russia</i></p>
10:50-11:05	<p><b>Vita V. Vonog</b> DIGITAL STORYTELLING AS A TECHNOLOGY FOR DEVELOPING AN ENGINEER PROFESSIONAL PERSONALITY IN THE SYSTEM OF FOREIGN LANGUAGE TRAINING <i>Siberian Federal University, Krasnoyarsk, Russia</i></p>
11:05-11:20	<p><b>Coffee break</b></p>

11:20–11:35	<b>Olga S. Alekseeva<sup>1</sup>, Aleksandr S. Chirtsov<sup>2</sup>, Timofey A. Chirtsov<sup>3</sup></b> CONCEPT AND APPLY OF ELECTRONIC ADAPTIVE TESTING SYSTEM IN TEACHING PHYSICS <sup>1,2</sup> Saint Petersburg Electrotechnical University “LETI”, Saint Petersburg, Russia <sup>2,3</sup> Herzen State Pedagogical University of Russia, Saint Petersburg, Russia
11:35–11:50	<b>Elena V. Belyaeva</b> ETHICAL ASPECTS OF DISTANCE LEARNING AT THE UNIVERSITY <i>Belarusian State University, Minsk, Belarus</i>
11:50–12:05	<b>Maria S. Artyukhina<sup>1</sup>, Oleg I. Artyukhin<sup>2</sup>, Elena I. Sanina<sup>3</sup></b> FEATURES OF VIRTUALIZATION AND AUGMENTED REALITY IN MATHEMATICS EDUCATION <sup>1,2</sup> National Research Lobachevsky State University of Nizhni Novgorod, Arzamas, Russia <sup>3</sup> Russian Customs Academy, Lyubertsy, Russia
12:05–12:20	<b>Yury I. Varatnitski<sup>1</sup>, Sergey G. Grigoriev<sup>2</sup>, Mikhail G. Zekau<sup>3</sup></b> WEAZET PLATFORM AS A GAMIFICATION TOOL FOR THE PRACTICE OF BEGINNING PROGRAMMERS <sup>1,3</sup> Belarusian State University, Minsk, Belarus <sup>2</sup> Moscow City University, Moscow, Russia
12:20–12:35	<b>Ali Osman Çıbıkdiken<sup>1</sup>, Haydar Bulgak<sup>2</sup>, Diliaver Eminov<sup>3</sup></b> GRAPHICS CONSTRUCTOR 4.0 <sup>1</sup> KTO Karatay University, Konya, Turkey <sup>2</sup> Selcuk University, Konya, Turkey <sup>3</sup> CR2 Ltd., Dublin, Ireland
12:35–12:50	<b>Natalia I. Ryzhova<sup>1</sup>, Olga N. Gromova<sup>2</sup></b> DIGITAL TRANSFORMATION OF LAW AS A TREND OF PROFESSIONAL TRAINING OF MODERN SPECIALISTS IN THE CONDITIONS OF DIGITALIZATION <sup>1</sup> Institute for Strategy of Education Development of the Russian Academy of Education, Moscow, Russia <sup>2</sup> Saint Petersburg Humanitarian University of Trade Unions, Saint Petersburg, Russia
12:50– 14:15	<b>Lunch break</b>
14:15–14:30	<b>Veneta V. Tabakova-Komsalova, Stanimir N. Stoyanov, Todorka A. Glushkova, Sava I. Grozdev</b> AI TRAINING IN SCHOOL – APPROACHES, RESULTS AND CONCLUSIONS <i>Plovdiv University “Paisii Hilendarski”, Plovdiv, Bulgaria</i>
14:30–14:45	<b>Victoriya B. Petropavlovskaya, Tatyana B. Novichenkova, K. S. Petropavlovsky, Elena V. Borisova, M. Yu. Zavadko</b> APPLICATION OF MATHEMATICAL AND COMPUTER MODELING IN ENGINEERING EDUCATION <i>Tver State Technical University, Tver, Russia</i>
14:45–15:00	<b>Oleg V. Drozd, Polina A. Russkikh</b> ADAPTIVE AND PRACTICE-BASED APPROACH IN THE IMPLEMENTATION OF TEACHING THE DISCIPLINE «WIRELESS TECHNOLOGIES AND PRODUCTION PROCESS CONTROL» <i>Siberian Federal University, Krasnoyarsk, Russia</i>
15:00–15:15	<b>Vladimir G. Ermakov</b> PECULIARITIES OF DIGITAL TECHNOLOGY APPLICATION IN TEACHING PSYCHOLOGICAL AND PEDAGOGICAL DISCIPLINES <i>Francisk Skorina Gomel State University, Gomel, Belarus</i>
15:15–15:30	<b>Alexander G. Leonov<sup>1</sup>, Mikhail S. Dyachenko<sup>2</sup></b> APPLICATION OF THE APPROACH OF STAGED TRANSFORMATION IN BUILDING AN ADAPTIVE LEARNING SYSTEM ON THE EXAMPLE OF DIGITAL EDUCATIONAL PLATFORM MIRERA <sup>1</sup> State University of Management, Moscow, Russia <sup>2</sup> Moscow Pedagogical State University, Moscow, Russia <sup>3</sup> Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia <sup>2</sup> Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia

15:30–15:45	<b>Dmitry I. Prohorov<sup>1</sup>, Natalya V. Brovka<sup>2</sup></b> POLYPARADIGM APPROACH IN THE SYSTEM OF PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHERS <i><sup>1</sup> Minsk City Institute for the Development of Education, Minsk, Belarus,</i> <i><sup>2</sup> Belarusian State University, Minsk, Belarus</i>
15:45–16:00	<b>A. E. Sattorov, A. Musulmoni</b> TO THE QUESTION OF THE USE OF ICT IN TEACHING ECONOMIC DISCIPLINES <i>Bokhtar State University named after Nosir Khusrav, Bohtar, Tajikistan</i>
16:00-16:15	<b>Coffee break</b>
16:15–16:30	<b>Andrei V. Kapytski, Valentsina N. Khilmanovich</b> DIGITALIZATION OF THE EDUCATIONAL PROCESS WITHIN THE FRAMEWORK OF THE MODEL OF CONTINUOUS EDUCATION IN A MEDICAL UNIVERSITY <i>Grodno State Medical University, Grodno, Belarus</i>
16:30–16:45	<b>Irina V. Dvoretzkaya, Kirill L. Savitskiy</b> INTERNET FOR LEARNING AS A FACTOR FOR SMART SCHOOL <i>Institute of Education, National Research University Higher School of Economics, Moscow, Russia</i>
16:45-17:00	<b>Alexander G. Leonov<sup>1</sup>, Mila V. Raiko<sup>2</sup>, Ilya G. Raiko<sup>3</sup>, Viktoria A. Kovyreshina<sup>4</sup>, Anna A. Kholkina<sup>5</sup></b> ALGORITHMIA DA AS ELEMENTS TO ACCELERATE INFORMATICS LEARNING <i><sup>1</sup>Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia</i> <i><sup>1</sup>Lomonosov Moscow State University, Moscow, Russia</i> <i><sup>1</sup>Moscow Pedagogical State University, Moscow, Russia</i> <i><sup>1</sup>State University of Management, Moscow, Russia</i> <i><sup>2, 3, 4, 5</sup>Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia</i>
17:00-17:15	<b>Alexander G. Leonov<sup>1</sup>, Mikhail S. Dyachenko<sup>2</sup>, Kirill A. Mashenko<sup>3</sup>, Anton E. Orlovskii<sup>4</sup>, Ilya G. Raiko<sup>5</sup>, Mila V. Raiko<sup>6</sup></b> NEW APPROACHES TO AUTOMATION OF TESTING TASKS IN DIGITAL COURSES <i><sup>1</sup> Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia Lomonosov Moscow State University, Moscow, Russia Moscow Pedagogical State University, Moscow, Russia State University of Management, Moscow, Russia</i> <i><sup>2, 3, 4, 5, 6</sup> Scientific Research Institute for System Analysis of the Russian Academy of Sciences, Moscow, Russia</i>
17:15-17:30	<b>S. V. Kudrina<sup>1</sup>, M. Yu. Kudrin<sup>2</sup>, A. M. Kudrin<sup>3</sup></b> REMOTE TECHNOLOGIES IN THE EDUCATION OF STUDENTS WITH DISABILITIES <i><sup>1</sup>Russian State Pedagogical University named after A. I. Herzen, Saint-Petersburg, Russia</i> <i><sup>2, 3</sup>Saint Petersburg State University of Communications of Emperor Alexander I, Saint Petersburg, Russia</i>
17:30-17:45	<b>Vladimir V. Mironov, Sabina T. Gulyaeva</b> MODERNIZATION OF THE EDUCATIONAL ENVIRONMENT IN THE CONDITIONS OF DIGITAL TRANSFORMATION <i>Pitirim Sorokin Syktyvkar State University, Syktyvkar, Russia</i>
17:45-18:00	<b>Coffee break</b>

18:00-19:10	<p><b>ROUND TABLE «STEM- education»</b> (<i>st. Academician Kirensky 26 k1 ULK 112</i>)</p> <p><b>Gregory Makrides</b> A PARADIGM SHIFT TO EDUCATION 4.0: THE STEAME SCHOOL OF THE FUTURE <i>Cyprus Mathematical Society, THALES Foundation, Nicosia, Cyprus</i></p> <p><b>S. A. Lovyagin</b> STEM EDUCATION IN RUSSIA: DIGITAL TECHNOLOGIES, SUBJECT INTEGRATION AND PROJECT APPROACH <i>Khoroshevskaya school, Moscow, Russia</i></p>
<p><b>SECTION 5</b> Digital transformation of the university library</p> <p>онлайн-трансляция: <a href="https://youtu.be/s5nB1s3vamo">https://youtu.be/s5nB1s3vamo</a></p> <p><b>Chairman: E. N. Kaasyanchuk</b></p>	
10:00–12:00	<p><b>L.G. Nikolaeva<sup>1</sup>, T.V. Sergienko<sup>1</sup>, S.R. Bazhenov<sup>2</sup></b> MASTER CLASS "LIBRARY TECHNOLOGIES ON THE IRBIS 64+ PLATFORM" <sup>1</sup><i>Siberian Federal University, Krasnoyarsk, Russia</i> <sup>2</sup><i>State Public Scientific and Technical Library of the Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia</i></p>
12:00–12:10	<p><b>R. A. Baryshev</b> GREETINGS <i>Siberian Federal University, Krasnoyarsk, Russia</i></p>
12:10–12:30	<p><b>I. S. Pilko</b> NEEDS FOR ADDITIONAL PROFESSIONAL EDUCATION OF UNIVERSITY LIBRARY SPECIALISTS <i>St. Petersburg State Institute of Culture State Institute of Culture, Russian Federation, St. Petersburg, Russia</i></p>
12:30–12:45	<p><b>V. N. Gureev<sup>1</sup>, N. A. Mazov<sup>2</sup></b> REVIEW AS AN ELEMENT OF SCIENTIFIC COMMUNICATION BY THE AUTHOR AND EDITOR IN LIBRARY JOURNALS <sup>1</sup><i>State Public Scientific and Technical Library of the Siberian Branch of the Russian Academy of Sciences,</i> <sup>2</sup><i>Novosibirsk State Technical University, Novosibirsk, Russia</i></p>
12:45–13:00	<p><b>S. R. Bazhenov</b> APPLICATION OF NEW IRBIS PRODUCTS <i>State Public Scientific and Technical Library of the Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia</i></p>
13:00–13:15	<p><b>A. V. Barkhatov</b> REMOTE ACCESS TO ELECTRONIC RESOURCES OF THE SCIENTIFIC LIBRARY OF SFU <i>Siberian Federal University, Krasnoyarsk, Russia</i></p>
13:15–13:30	<p><b>N. S. Redkina</b> COMPETENCES OF LIBRARISTS IN THE ERA OF OPEN SCIENCE <i>Novosibirsk State Pedagogical University, Novosibirsk, Russia</i></p>
13:30–13:45	<p><b>S. P. Storozheva</b> ANALYSIS OF STUDENTS' EDUCATIONAL DATA FOR MONITORING ENGAGEMENT WHEN USING ELECTRONIC LIBRARY RESOURCES <i>Siberian State University of Telecommunications and Informatics, Novosibirsk, Russia</i></p>
13:45-14:00	<p><b>N. L. Mikidenko</b> EXPERIENCE OF ANALYSIS OF DATA ON THE USE OF ELECTRONIC LIBRARIES BY READERS BY TEACHERS OF THE UNIVERSITY <i>Siberian State University of Telecommunications and Informatics, Novosibirsk, Russia</i></p>

14:00-14:15	<b>V. S. Kurnatov</b> DIGITAL TOOLS AND SERVICES FOR A LIBRARY: EXPERIENCE IN DEVELOPING AN EDUCATIONAL PROGRAM <i>State Universal Scientific Library of the Krasnoyarsk Territory, Krasnoyarsk, Russia</i>
14:15-14:30	<b>E. B. Yudin, V. P. Korolev</b> MAP OF SCIENCE OF OMSK IN THE SCOPUS SYSTEM <i>Omsk State Technical University, Omsk, Russia</i>
14:30-14:45	<b>I. G. Olgina</b> DIGITAL LIBRARY OF THE UNIVERSITY <i>Omsk State Technical University, Omsk, Russia</i>
14:45-15:00	<b>N. A. Kholodova</b> APPLICATION OF THE VISUALIZATION METHOD IN CREATING LIBRARY VIDEO CONTENT. <i>Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia</i>
15:00-15:15	<b>E.N. Kasyanchuk</b> DIGITAL TRANSFORMATION OF THE UNIVERSITY LIBRARY <i>Siberian Federal University, Krasnoyarsk, Russia</i>
15:15-15:30	<b>V. P. Kazantseva</b> INFORMATIZATION OF UNIVERSITY LIBRARIES OF KRASNOYARSK: THE BEGINNING OF THE DIGITAL PATH <i>Siberian Federal University, Krasnoyarsk, Russia</i>
15:30-16:30	<b>M.A. Laptev</b> PRESENTATION OF THE CHILDREN'S BOOK "CARE AND FUN OF LITTLE YENISEY". <i>Siberian Federal University, Krasnoyarsk, Russia</i>
16:30-16:45	<b>G.I. Kazakova</b> PRESENTATION OF THE DIGEST "DIGITAL TRANSFORMATION OF LIBRARIES" AND BOOK AND INFORMATION EXHIBITION <i>Siberian Federal University, Krasnoyarsk, Russia</i>
17:00-17:15	<b>Discussion of the results of the section work</b>
17:15-18:00	<b>Excursion around the Scientific Library of SibFU</b>
19:00-20:00-	<b>N. Zharinov</b> LECTURE "THE GREAT PESSIMISM OF RUSSIAN LITERATURE" <i>Author of creative almanac Artifex, Moscow, Russia</i>

08:30-09:00	<b>Gathering</b> of the conference participants at the Institute of Space and Information Technologies of the Siberian Federal University (hall - 1st floor, Academician Kirensky st. 26, building 1)
09:00–16:00	<b>Excursions</b>
15:00-17:00	<i>Excursion to the libraries of universities in Krasnoyarsk</i> <b>Gathering</b> in the lobby of the SibFU Scientific Library (79 Svobodny Ave., building 5) Excursion itinerary: scientific library of SibFU - scientific library of KSPU named after V.P. Astafiev - Scientific Library of the Reshetnev Siberian State University of Science and Technology (Svobodny Ave., 79 - A. Lebedeva St., 89 - Mira Ave., 82)
<b>SECTION 3</b> <b>Methodological and organizational issues of digital transformation of education at school: resources and perspective</b> <i>ULK 216</i>  <i>Chairman: O. A. Karnaukhova</i>	
15:00–15:15	<b>Elena A. Pavlova<sup>1</sup>, Marina S. Vorobeva<sup>2</sup>, Yuriy V. Solovej<sup>3</sup>, Aleksandr D. Tyan<sup>4</sup>, Vladislav Yu. Kurochkin</b> IDENTIFICATION OF NON-INFORMATIVE QUESTIONS IN TESTS <i>Tyumen State University, Tyumen, Russia</i>
15:15–15:30	<b>S. E. Osipova, A. E. Mirsayanov</b> DEVELOPMENT AND IMPLEMENTATION OF A DIGITAL PLATFORM FOR HIGH SCHOOL "EDUCATION ANALYTICS SERVICE IEP 2.0." <i>Gymnasium №3, Perm, Russia</i>
15:30–15:45	<b>A. Yu. Polyakova</b> PROSPECTS AND RISKS OF DIGITAL TRANSFORMATION OF MATHEMATICAL (STOCHASTIC) EDUCATION <i>Bunin Yelets State University, Yelets, Russia</i>
15:50–16:05	<b>M. A. Maznichenko, D. V. Lopatinsky</b> PEDAGOGICAL CONDITIONS FOR INTEGRATION OF TRADITIONAL AND DIGITAL TECHNOLOGIES IN VOCATIONAL EDUCATION <i>Sochi State University, Sochi, Russia</i>
16:05–16:20	<b>L. A. Sysoeva</b> ANALYSIS OF THE USE OF DIGITAL SERVICES OF THE ELECTRONIC INFORMATION AND EDUCATIONAL ENVIRONMENT OF THE UNIVERSITY <i>Russian State University for the Humanities, Moscow, Russia</i>
16:20–16:35	<b>T. A. Boronenko, V. S. Fedotova</b> DIGITAL COMPETENCE OF A COMPUTER SCIENCE TEACHER AS A KEY RESOURCE OF DIGITAL TRANSFORMATION OF EDUCATION IN SCHOOL <i>Leningrad State University A. S. Pushkin, St. Petersburg, Russia</i>
16:35-16:50	<b>T. E. Khochenkova</b> MANAGING THE PROCESSES OF DIGITAL TRANSFORMATION OF SCHOOL: FROM STRATEGY TO IMPLEMENTATION OF DEVELOPMENT OF DIGITAL COMPETENCES OF TEACHERS <i>Lyceum № 4, Ryazan, Russia</i>

16:50-17:05	<b>Yu. V. Taratukhina, L. A. Tsyganova</b> COURSE "INTERCULTURAL COMMUNICATIONS": PRINCIPLES OF ORGANIZATION IN ONLINE ENVIRONMENT <i>Institute of Management Problems. V. A. Trapeznikov RAS, Moscow, Russia, National Research University Higher School of Economics, Moscow, Russia</i>
17:05–17:20	<b>O. V. Kuzmin, M. V. Lavlinsky</b> APPLICATION OF DIGITAL VIDEO AVATARS IN EDUCATION <i>Irkutsk State University, Irkutsk, Russia</i>
17:20–17:35	<b>A. A. Zaslavsky</b> USING SPECIALIZED SOFTWARE FOR STORING AND PRESENTING INFORMATION IN THE FORM OF A DYNAMIC HIERARCHICAL STRUCTURE <i>Moscow City Pedagogical University, Moscow, Russia</i>
17:35–17:50	<b>E. Yu. Bakhtina<sup>1</sup>, A. A. Muranov<sup>2</sup>, M. A. Muranova<sup>3</sup></b> WAYS OF ACHIEVING PLANNED RESULTS OF PRIMARY SCHOOL GRADUATES IN THE FIELD OF DIGITAL LITERACY <i><sup>1</sup>Moscow Automobile and Road Construction State Technical University (MADI), Moscow, Russia</i> <i><sup>2</sup>Center for the Development of Effective Education, Moscow, Russia</i> <i><sup>3</sup>School No. 1811 Vostochnoye Izmailovo, Moscow, Russia</i>
17:50–18:05	<b>E. V. Skvortsova</b> ADVANTAGES OF USING MODERN INFORMATION TECHNOLOGIES AT A MUSIC LESSON IN A CORRECTIONAL SCHOOL <i>Matveevo-Kurgan Special Boarding School, Matveev Kurgan, Russia</i>
18:05–18:20	<b>N. G. Kudryavtsev, V. Yu. Safonova, I. N. Frolov, A. A. Temerbekova</b> USING SOFTWARE AND HARDWARE TO INCREASE TESTING RELIABILITY <i>Gorno-Altaysk State University, Gorno-Altaysk, Russia</i>
18:20–18:35	<b>V. A. Dalinger</b> DIGITAL EDUCATIONAL RESOURCES IN TEACHING MATHEMATICS <i>Omsk State Pedagogical University, Omsk, Russia</i>
18:35–18:50	<b>A. E. Novoselova</b> ADDITIONAL PROFESSIONAL EDUCATION IN THE CONDITIONS OF DIGITALIZATION <i>Russian State Vocational Pedagogical University, Yekaterinburg, Russia</i>
18:50–19:05	<b>Yesen Y. Bidaibekov, Svetlana N. Koneva, Kambar A. Bedelov</b> FEATURES OF METHODOLOGICAL TRAINING OF FUTURE TEACHERS OF INFORMATICS IN THE PEDAGOGICAL UNIVERSITY OF KAZAKHSTAN <i>Abai Kazakh National Pedagogical University, Almaty, Republic of Kazakhstan</i>
19:05–19:20	<b>Aindy V. Yakubov<sup>1</sup>, Marha S. -M. Musayeva<sup>2</sup></b> PHONE AS A TOPIC TO STUDY AT SCHOOL <i><sup>1</sup>Kh. I. Ibragimov Integrated Research Institute of the Russian Academy of Sciences, Grozny, Russia</i> <i><sup>2</sup>Grozny State Technical University named after academician M. D. Millionshchikova, Grozny, Russia</i>
<b>SECTION 4</b> <b>Informatization of methodical training systems in the subject area</b> <i>ULK 212</i>  <b>Chairman: R. V. Esin</b>	
15:00–15:15	<b>R. M. Aslanov<sup>1</sup>, V. V. Sushkov<sup>2</sup></b> THE ROLE AND PLACE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN TEACHING COMPLEX ANALYSIS AT A CLASSICAL UNIVERSITY <i><sup>1</sup>Institute of Mathematics and Mechanics, Azerbaijan National Academy of Sciences, Baku, Azerbaijan</i> <i><sup>2</sup>Syktvykar State University, Pitirim Sorokina, Syktvykar, Russia</i>

15:15–15:30	<b>A. G. Mikhailova<sup>1</sup>, A. I. Mezentseva<sup>2</sup></b> VIRTUAL ENVIRONMENT IN TEACHING FOREIGN LANGUAGES IN A NON-LINGUISTIC HIGHER EDUCATION INSTITUTION <i><sup>1</sup>Sevastopol State University, Sevastopol, Russia</i> <i><sup>2</sup>Chernomorsk Higher Naval Order of the Red Star School named after P. S. Nakhimova, Sevastopol, Russia</i>
15:30–15:45	<b>A. G. Stepanov, V. M. Kosmachev, O. I. Moskaleva</b> COMPUTED QUESTION IN MOODLE AS A MEANS OF TESTING A STUDENT'S KNOWLEDGE AND SKILLS <i>St. Petersburg State University of Aerospace Instrumentation, St. Petersburg, Russia</i>
15:50–16:05	<b>Yu. A. Yuzhakova</b> SEMANTIC VARIANTS AND MEANS OF EXPRESSING THE VALUE OF THE IDENTITY OF SPEECH OPERATIONS OF TWO OR MORE PERSONS <i>Ryazan State University of S. A. Yesenina, Ryazan, Russia</i>
16:05–16:20	<b>R. Nasimov<sup>1</sup>, N. Nasimova<sup>2</sup></b> THE SIGNIFICANCE OF THE MOBILE APP FOR CHRONIC DISEASE MONITORING IN STUDYING AI METHODS FOR MEDICAL STAFF <i><sup>1</sup>Tashkent State University of Economics, Tashkent, Uzbekistan</i> <i><sup>2</sup>Tashkent University of Information Technologies named after Muhammad al Khorazmiy, Tashkent, Uzbekistan</i>
16:20–16:35	<b>A. V. Nikitin<sup>1</sup>, I. S. Maslov<sup>2</sup>, A. V. Belko<sup>3</sup>, N. N. Babarika<sup>4</sup></b> COMPUTER SIMULATION IN PHYSICS FOR SECONDARY SCHOOL <i><sup>1,3,4</sup>Yanka Kupala State University of Grodno, Grodno, Belarus</i> <i><sup>2</sup>Grodno City Lyceum No. 1, Grodno, Belarus</i>
16:35–16:50	<b>F. M. Betenkov, A. S. Gryaznov, A. V. Ovcharov, A. N. Oleinikov</b> EXPERIENCE OF CREATING A QUANTORIUM ON THE BASIS OF PEDAGOGICAL UNIVERSITIES <i>Altay State Pedagogical University, Barnaul, Russia</i>
16:50–17:05	<b>I. V. Drobysheva, Yu. A. Drobyshev</b> ON INTERDISCIPLINARY INTEGRATION OF THE DISCIPLINES OF THE INFORMATION AND MATHEMATICAL MODULE <i>Kaluga branch of the Financial University, Kaluga, Russia</i>
17:05–17:20	<b>O. V. Andryushkova, M. A. Kareva, L. A. Fishgoyt, E. V. Marushina</b> MODELING OF THE EDUCATIONAL PROCESS ON THE DISCIPLINES OF THE CHEMICAL PROFILE ON THE BASIS OF NEGENTROPY <i>Lomonosov Moscow State University, Moscow, Russia</i>
17:20–17:35	<b>A. G. Kushnirenko, A. A. Maly</b> LAUNCH OF A METEOROLOGICAL ROCKET AS AN INTERESTING OBJECT OF COMPUTER SIMULATION IN THE SCHOOL COURSE OF INFORMATION SCIENCE <i>Federal Research Center Research Institute for System Research of the Russian Academy of Sciences, Moscow, Russia</i>
17:35–17:50	<b>S. D. Karakozov, M. Yu. Glotova, E. A. Samokhvalova</b> OPTIMIZATION OF LEARNING IN DIGITAL EDUCATIONAL TECHNOLOGIES BASED ON ELEMENTS OF ARTIFICIAL INTELLIGENCE (CHATBOT) <i>Moscow Pedagogical State University, Moscow, Russia</i>
17:50–18:05	<b>E. E. Kotova, S. A. Snytnikova</b> ASSESSMENT SYSTEM OF KEY INDICATORS OF ACTIVITIES OF BEGINNERS IN THE FIELD OF IT <i>St. Petersburg State Electrotechnical University "LETI" V. I. Ulyanova (Lenin), St. Petersburg, Russia</i>
18:05–18:20	<b>A. E. Polichka</b> IMPLEMENTATION OF INVARIANTS OF FORMATION OF INFORMATION COMPETENCE OF FUTURE TEACHERS IN CONDITIONS OF DIGITALIZATION <i>Pacific State University, Khabarovsk, Russia</i>
18:20–18:35	<b>E. I. Skafa, M. E. Korolev</b> METHODOLOGICAL SYSTEM OF TEACHING FUTURE ENGINEERS IN MATHEMATICAL MODELING IN THE CONTEXT OF DIGITAL DIDACTICS <i>Donetsk National University, Donetsk, DPR</i>

18:35– 18:50	<p><b>V. A. Vishnyakov<sup>1</sup>, D. A. Kachan<sup>2</sup></b>  MODEL AND IMPLEMENTATION OF SMART CONTRACT IN EDUCATION  <sup>1</sup><i>Belarusian State University of Informatics and Radioelectronics,  Minsk, Belarus</i>  <sup>2</sup><i>NII Giprosvyaz, Minsk, Belarus</i></p>
18:50–19:05	<p><b>K.A. Radkevich<sup>1</sup>, V.A. Vishnyakov<sup>2</sup></b>  OPTIMIZATION OF THE STRUCTURE OF THE INTERNET OF THINGS  LEARNING NETWORK  <sup>1</sup><i>Belarusian State Academy of Telecommunications, Minsk, Belarus</i>  <sup>2</sup><i>Belarusian State University of Informatics and Radioelectronics, Minsk, Belarus</i></p>
19:05–19:20	<p><b>T. N. Kanashevich</b>  COMPETITION AND PROJECT INTERNET PLATFORM OF ENGINEERING  CREATIVITY AS A MEANS OF DEVELOPING THE PROFESSIONAL  COMPETENCE OF A FUTURE SPECIALIST  <i>Belarusian National Technical University, Minsk, Belarus</i></p>
19:20–19:35	<p><b>A. S. Pisarev, E. E. Kotova, I. A. Pisarev</b>  INVESTIGATION OF VISUAL ATTENTION INDICATORS ON THE BASIS OF A  COGNITIVE ACTIVITY MODEL IN THE LEARNING ENVIRONMENT  <i>Saint Petersburg Electrotechnical University “LETI”, Russia</i></p>

*The program shows local time (Krasnoyarsk, MCK+4)*

<b>SECTION 4</b> <b>Informatization of methodical training systems in the subject area</b> <i>ULK 112</i>  <b>Chairman: V. A. Shershneva</b>	
09:00–09:15	<b>O. V. Nepomnyashchy, S. L. Verkhoshentseva, N. Yu. Sirotinina</b> ORGANIZATION OF REMOTE ACCESS TO LABORATORY AND SCIENTIFIC EQUIPMENT DURING THE IMPLEMENTATION OF MASTER'S PROGRAMS - PRACTICAL IMPLEMENTATION <i>Siberian Federal University, Krasnoyarsk, Russia</i>
09:15–09:30	<b>A. V. Surovtsev</b> DEVELOPMENT OF COMMUNICATION SKILLS OF STUDENTS WITHIN THE COURSE "DESIGNATIVE GEOMETRY AND ENGINEERING GRAPHICS" <i>Siberian Federal University, Krasnoyarsk, Russia</i>
09:30–9:45	<b>N. P. Tabachuk</b> EDUCATIONAL DATA IN THE DEVELOPMENT OF INFORMATION COMPETENCE OF UNIVERSITY STUDENTS <i>Pacific State University, Khabarovsk, Russia</i>
9:45–10:00	<b>S. I. Monakhov<sup>1</sup>, V. V. Turchanenko<sup>2</sup>, D. N. Cherdakov<sup>3</sup></b> SCHOOL AND SCIENTIFIC TERMINOLOGY: CORUS STUDY AND CLUSTERIZATION <i><sup>1</sup>University of Jena F. Schiller, Jena, Germany</i> <i><sup>2</sup>Russian State Pedagogical University named after A. I. Herzen, St. Petersburg, Russia, Institute of Russian Literature (Pushkin House) RAS, St. Petersburg, Russia</i> <i><sup>3</sup>Russian State Pedagogical University named after A. I. Herzen, St. Petersburg, Russia, St. Petersburg State University, St. Petersburg, Russia</i>
10:00–10:15	<b>N. V. Brovka, D. V. Filimonov</b> ON THE DEVELOPMENT OF COMPUTATIONAL THINKING AND AGILE PRACTICES IN THE EDUCATIONAL PROCESS OF UNIVERSITIES <i>Belarusian State University, Minsk, Belarus</i>
10:15–10:30	<b>L. A. Shunina</b> ON POPULARIZATION OF THE SCIENTIFIC DIRECTION "INFORMATIZATION OF EDUCATION" IN THE WORK OF TEACHERS OF PEDAGOGICAL UNIVERSITY <i>Moscow City Pedagogical University, Moscow, Russia</i>
10:30–10:45	<b>S. V. Larin, V. R. Mayer</b> COMPUTER ANIMATION AS A NEW CATEGORY OF MATHEMATICS DIDACTION <i>Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia</i>
10:45-11:00	<b>Coffee break</b>
<b>SECTION 2</b> <b>Digital didactics</b> <i>ULK 112</i>  <b>Chairman: M. V. Noskov</b>	

11:00-11:15	<p><b>L. P. Kvashko<sup>1</sup>, V. V. Kvashko<sup>2</sup></b>  <b>DIDACTIC FAILURE OF THE ELECTRONIC EDUCATIONAL ENVIRONMENT OF THE UNIVERSITY</b>  <sup>1,2</sup>Primorsky Institute of Railway Transport - Branch of the Far Eastern State University of Railway Transport, Ussuriysk, Russia  <sup>1</sup>Far Eastern Federal University, Vladivostok, Russia</p>
11:15-11:30	<p><b>A. A. Zakharov, E. E. Strukacheva, A. R. Khalitova, D. B. Jalilzoda, Sh. I. Khanbekov</b>  <b>VIRTUAL ASSISTANT FOR STUDYING THE COURSE OF COMPUTER NETWORKS IN THE CONDITIONS OF INCLUSIVE EDUCATION</b>  <i>Tyumen State University, Tyumen, Russia</i></p>
11:30–11:45	<p><b>L. A. Shunina</b>  <b>SELECTION OF CLOUD SERVICES FOR ORGANIZING INDIVIDUALIZED EDUCATION FOR SCHOOLCHILDREN</b>  <i>Moscow City Pedagogical University, Moscow, Russia</i></p>
11:45-12:00	<p><b>O. A. Minich</b>  <b>COMPOSITION OF ICT COMPETENCES FOR PEDAGOGICAL TRAINING IN THE FIELD OF ELECTRONIC LEARNING METHODS AND NETWORK INTERACTION</b>  <i>Maxim Tank Belarusian State Pedagogical University, Minsk, Belarus</i></p>
12:00–12:15	<p><b>Pavel A. Mitroshin</b>  <b>FAULT TOLERANCE ENSURING FOR ELECTRONIC INFORMATION AND EDUCATIONAL ENVIRONMENT</b>  <i>Dmitrov Institute for Continuing Education – Affiliate of Dubna State University, Dmitrov, Russia</i></p>
12:15–12:30	<p><b>A. N. Skriba</b>  <b>ANALYSIS OF THE CURRENT REGULATORY AND LEGAL ACTS IN THE PART OF REGULATION OF PEDAGOGICAL TRAINING, DEVELOPMENT OF EDUCATIONAL SOFTWARE FOR TRAINING TEACHERS FOR THE COMPREHENSIVE APPLICATION OF ELECTRONIC LEARNING METHODS AND NETWORK INTERACTION</b>  <i>Maxim Tank Belarusian State Pedagogical University, Minsk, Belarus</i></p>
12:30–12.45	<p><b>Discussion of the results of the conference. Closing of the conference</b></p>