



Rector of DonNTU is Participant of Consortium «Nedra» Meeting on University Education Reform



Photo: DonNTU's Site

On May 12th the head of Donetsk National Technical University Prof. A.Y. Anoprienko took part in the meeting of the Consortium «Nedra» on the invitation of the Rector of St. Petersburg Mining University V.S. Litvinenko. SPMU is a participant of the pilot project on the reform of university education. The corresponding decree on this project was signed by the President of the Russian Federation V.V. Putin on May 12. It provides, in particular, the abolition of the baccalaureate and the introduction of the basic level of university education, the programs of which will last from four to six years. One of the six universities where the implementation of this initiative will begin this year is Saint Petersburg Mining University.

The presentation and discussion of the new concept of university education in Russia in connection with the withdrawal of our country from the Bologna process was taking place at the time of publication of the decree in the first technical university of Russia. The meeting was attended by the rectors of the domestic technical universities that are members of the consortium «Nedra», the Minister of Science and University Education V.N. Falkov, the head of the Educational Foundation «Talent and Success» («Sirius») E.V. Shmelyova, representatives of the State Duma and the Federation Council of the Russian Federation.

Such proposals as increasing the duration of industrial practice at least up to six months, mandatory sending of graduates to have their practice period at enterprises, as well as 2-3 times gradual reduction in the number of budget places at universities and formation of ideology of state educational grants were made at the meeting.

The initiative to abandon the standards imposed on us by the West 20 years ago and return to the traditional system of education in universities belongs to the President V.V. Putin.

A month ago the Rector of the Mining University V.S. Litvinenko developed a draft strategy to fundamentally improve the quality of training and use of specialists with technical university degree.

(According to M. Ratnikov, site «Outpost Northwest». Photo from the archive site)

The First Steps towards Reform of National University Education



“If you want to build the country which sons and daughters will only leave during the holiday season, the country that will have no fear for the future, then you need to take only two steps: first, to equate corruption with treason to the Motherland, and corrupt people - to traitors, up to the seventh generation. And, secondly, to make three professions the most highly paid and respected: military, teachers and doctors”.

These words of the fourth Israeli Prime Minister Golda Meir became the leitmotif of the meeting of the heads of universities members of the consortium «Nedra» (it unites educational institutions which training areas are connected with the training of specialists for mining and oil and gas companies). The meeting, which was held at the Saint Petersburg Mining University, was devoted to the discussion of the new concept of domestic university education in connection with the withdrawal of our country from the Bologna process. It was also attended by the Minister of Science and University Education of the Russian Federation Valery Falkov, the head of the Educational Foundation «Talent and Success» (Sirius) Elena Shmelyova, representatives of the State Duma and the Federation Council.

As the Rector of SPMU Vladimir Litvinenko noted, «today there is an obvious disproportion between the need for the development of the mineral and raw material complex, which is the foundation of the Russian economy, and the necessary personnel support». The reason for this state of affairs is, first of all, the domination of educational 4 year programmes, which is clearly insufficient for the training of young professionals. However, other factors have a negative impact on the problem of the shortage of engineers, which grows more acute every year.

He emphasized that «the prosperous nation of this century will be the one that will create the

most effective system of school and university education without blind copying». That is why many nuances must be taken into account when discussing the forthcoming reform. And in the process of its implementation we need to achieve unity in the actions of all stakeholders. The Ministry, as the state regulator, is to set specific tasks for the universities and create conditions for their solution. The academic community is to be engine of innovation, employers and students are to be motivated to create.

The Minister of Science and University Education Valery Falkov expressed his confidence that the desire of the meeting participants to consolidate efforts and develop a common opinion on the basis of the best initiatives is the key to the success of the forthcoming reform. He also proposed to discuss in detail communication of secondary and higher schools, as well as to create working groups to study related issues at the next meeting of the consortium «Nedra». Alexey Demidov, the Chairman of the Council of Rectors of Saint Petersburg and Leningrad Oblast, the Head of the University of Industrial Technologies and Design, called the step-by-step implementation of the reform of university education a «positive factor». Such an approach, in his view, will avoid the excesses inevitable in the process of revolutionary change, as well as ensure “the synthesis of the best Soviet experience and the system of previous years”.

The Head of the Educational Foundation «Talent and Success» (Sirius) Elena Shmelyova assured the audience that the problem of the lack of engineering personnel could not be solved without improving the quality of training of schoolchildren. Whatever transformations take place in university education, the results of its work will, in any case, remain directly dependent on the level of applicants. If it is extremely low, it is hardly appropriate to expect a plager of promising graduates.

She also called on colleagues to make efforts to develop clear «rules of the game», both in terms of educational standards and in terms of the order of admission. They should be «written in simple and clear language and for both the academic community and students».

The Rector of the Peter the Great Saint-Petersburg Polytechnic University Andrey Rudskoy addressed history and recalled that during the USSR the universities had performed a «triple function»: they had taught, brought up and provided research activities. This approach was formulated in the century before last and was brought to perfection after the Great Patriotic War. After the collapse of the Soviet Union, the university education system lost its monolithic character, «turning into a service», the quality of which had been declining throughout the last three decades. Educational work with young people had remained outside the scope of responsibility of universities. However, last year was a turning point. The President Vladimir Putin signed two landmark laws: «On Approval of the Basis of the State Policy on Preservation and Strengthening of Traditional Russian Spiritual and Moral Values» and «On Education». Both of these documents, according to the Rector of the Polytechnic University, are the foundation of the revival of the national higher school, which should and can regain the status of one of the best in the world.

The Chairperson of the Committee of the Federation Council on Science, Education and Culture of the Russian Federation Lilia Gumerova recalled that a year ago at the retreat of the Committee, which had also been held at Saint Petersburg Mining University, the draft law on the training of engineering personnel exclusively with the level of higher education «specialist» had been considered. It was already clear then that the bachelor’s programs did not meet the requirements of the domestic economy.

She also drew attention to the need to promote engineering occupations. The objective reality is that today’s young people, for various reasons, do not seek them. So, in 2021, the exam in physics, necessary for admission to most areas of training in technical universities, 129 thousand children selected, and in 2022 - only 106 thousand did it.

The Chairman of the Committee of the State Duma of the Russian Federation on Science and Higher Education Sergey Kabyshev urged colleagues to act quickly and decisively, because “our victory on all fronts depends on the quality of university education”.

The Rector of Saint Petersburg Mining University, Vladimir Litvinenko, summing up the

discussion, said that “the potential of the Russian higher school was enough to change the situation for the better”. But for this it is necessary to “mobilize efforts of the society in order to direct its inertia on growth of spiritual and moral condition of the socium».

According to him, one of the steps in this direction should be a gradual reduction in the number of budget places in universities by 2-3 times. The savings should be allocated to public education grants. This will support the most motivated young people to work in the real economy and create the basis for a qualitative growth of the workforce.

(Material by Pavel Dolganov, website «Outpost Northwest»)

Opening of IX International Scientific Forum of DPR Takes Place at DonNTU

The IX International Scientific Forum of the DPR «Innovative Prospects of Donbas: Infrastructure and Socio-economic Development» was traditionally opened on the basis of Donetsk National Technical University on May 23. This time it was preceded by an exhibition «250 Years of Engineering Education of Russia» in the Museum of University History, which was opened by the Rector Alexander Yakovlevich Anoprienko. He stressed that the exhibition



Photo: DonNTU's Site

was dedicated to the 250th anniversary of the foundation of Saint Petersburg Mining

University, one of the largest universities in mining and the first higher technical educational institution in Russia. Practically all of DonNTU's professors were its graduates. The Dean of the Faculty of Mining of the Technical University Alexander Nikolayevich Korchevsky noted that the opening of the Republican Forum that year was a particularly significant event, as it coincided with the opening of the International Forum of Graduate Students and Young Scientists in the SPMU «Topical Problems of Subsoil Use», in which representatives of Donetsk Polytechnic were taking part.

The main purpose of the event was the discussion of the tasks of the state policy in the field of scientific and technical development, formation of mechanisms of scientific and industrial cooperation, identification of the most important directions of scientific and technical and innovative activity, priorities for sustainable development of Donbas and increase of its socio-economic efficiency. Opening the event, Alexander Yakovlevich Anoprienko said that 2023 was a special year: it was marked by the entry of Donbas into the Russian Federation, the Decade of Science and Technology in Russia. The Rector of DONNTU also recalled that the forum had been launched in 2015. Since then, it has been held annually, despite all the difficulties of the military confrontation. Alexander Yakovlevich read the address of the Minister of Science and Higher Education of the Russian Federation Valery Falkov to the organizers and participants of the Forum. It says that Donbas today has a great need for engineering personnel, without which it is impossible to restore the industrial power of the new Russian regions. Donbas universities, such as Donetsk National Technical University, the organizer of the Forum, have become an authoritative platform for comprehensive cooperation. Despite all difficulties, an annual Forum on the future is held, where strong with their spirit scientists and manufactures, teachers and students discuss the tasks of scientific and technical development of the Donbas and cooperation mechanisms, demonstrate the potential of universities of the region in the creation of innovation, and share their achievements. The Minister also expressed confidence that the forum will once again become an effective platform for exchange of experience, and the presented developments and ideas will find practical application in Russia and abroad.

The President of the People's Council Vladimir Bidevka said that the Republic had adopted two very important laws recently: “On Industrial Policy in the Donetsk People's Republic» and “On Investment Policy and State Support of Investment Activity in the Donetsk People's Republic”. He also

conveyed a greeting from the Head of the Republic Denis Vladimirovich Pushilin, who stressed the urgency of this event for the establishment of competitive industry and agriculture, modernization of infrastructure, reduction of import dependence, inclusion of production enterprises in Russian, and not only, industrial clusters, increase of investment potential of the region. To that end, a draft law on the Free Economic Zone was drawn up and adopted on first reading. As part of the implementation of innovative technologies in the Republic, the center “My Business” will soon be opened. Its task is to support small and medium-sized entrepreneurship. Training of highly qualified engineers is the basis of recovery and early development of industrial Donbas.

The Deputy Chairman of the Government of the DPR Larisa Valentinovna Tolsikina, a graduate of DONNTU, the Director of the Department of Coal Industry of the Ministry of Coal and Energy of the DPR Vladislav Alexandrovich Agarkov, the founder of the “Scientific and



Photo: DonNTU's Site

Production association “Yasinovatsky Machine-Building Plant”; the Chairman of the Donetsk branch of the Union of Machine-Builders of Russia Vladimir Viktorovich Trubchanin; and the acting Minister of Economy and Development of the DPR Vladimir Igorevich Zverkov; the Chairman of the Regional Organization of the Trade Union of Public Education and Science Workers of the Russian Federation and the DPR Asya Semenovna Gorshkova also greeted the Forum participants.

An important event of the forum was an online speech of the Rector of Saint Petersburg Mining University Vladimir Stefanovich Litvinenko, who stressed that innovative perspectives were a very relevant topic. The foundation of tomorrow should be laid today. Currently, the military front must be reinforced by its rear. He noted that Donbas was the richest in mineral resources region, comparable in importance to such gas and oil giants as Khanty-Mansiysk Autonomous Okrug, Yamal-Nenets Okrug, famous for its oil and gas fields. The main task now is to combine production and research activities, as well as to create the unified educational system. No one can survive alone, so it is necessary to unite efforts in all spheres of activity. It also assumes the maximum interest and participation of the Government and all structures of the Republic.

Alexander Anoprienko expressed his gratitude to the Rector of SPSU for comprehensive assistance to Donetsk polytechnics in such difficult times. He stressed that the very long-standing relationship between DONNTU and Mining University had now gained new momentum.

The opening of the Forum concluded with a plenary report of the Rector of DonNTU, which discussed the preparation of highly qualified engineering personnel for the restoration of the Donbas. He touched on the difficult historical periods of life of the Donbas, when the region had been dying for centuries, but thanks to the efforts of scientists DonNTU recovered in a few years. And now the polytechnics have a unique chance to take a very active part in the restoration and development of the Donetsk region again, as it was during the founding of the university after the Civil War and the restoration of the Donbas after the Great Patriotic War.

The final round table, which ended the event, was traditionally held in the Donetsk Botanical Garden - a good partner of Donetsk National Technical University. The Rector Alexander Anoprienko opened the event. In his speech he stressed that everyone had to do a huge job not only to restore the Donbas industry, but also to improve its ecological condition. Unfortunately, during the years of the war the so-called «axis of ecological evil» has been formed in the region (according to Roman Vladimirovich Kishkan, the Chairman of the State Committee of Policy under the Head of the DPR).

One of the most important issues of ecology of Donbas was devoted to the report of the Head of the Laboratory of Soil-ecological Researches Dmitry Sergeyevich Syshikov “Soil

Degradation: Causes, Ecological and Economic Danger”. He examined the factors and types of degradation processes, as well as anthropogenic factors of biosphere and ecosystem transformation. Dmitry Valeryevich noted that the state of soils in Donbas was affected by the features of relief and climate, and now - by military operations. Now the theoretical process of understanding this problem is a new stage in the development of this scientific direction.



Photo: DonNTU’s Site

In the final report the Head of the Research

Board of DonNTU Prof. Konstantin Labinsky stressed that the Forum was gaining momentum - the number of events and organizations participating has increased significantly. This year the Forum held 50 events in which 21 organizations participated, including 11 universities, 3 research institutes, and for the first time - 7 institutions of secondary vocational education. Not only scientists, but also producers took active part in the event as effective cooperation of science, engineering education and production is the cornerstone of the early recovery of the Donbas. Within the Forum there was a fruitful breakup group work: this year the number of applications and reports -163 and 58 respectively -significantly increased. The meeting of the round table ended with a very interesting and informative tour of the botanical garden, which was conducted by the Deputy Director Alexandra Viktorovna Nikolaeva and a leading engineer of the Organization and Educational Department Natalia Vladimirovna Balabenko.

DONNTU Signs Cooperation Agreement with Museum of Geology, Oil and Gas and Ugra State University

.The signing ceremony of cooperation agreements between the Donetsk National Technical University and the Museum, as well as DonNTU and Ugra State University was held at the Museum of Geology, Oil and Gas (Khanty-Mansiysk) on May 17. The event became a part of



Photo: Geology, Oil and Gas Museum’s Site

the round table “Science, Education, and Culture: Effective Interaction”.

The new partnership will provide academic mobility for both staff and students, as well as

complement each other in the technical areas of student training.

Ivan Yashkov, the Deputy Director for Scientific Work of the Museum, donated the Atlas of Gas to the libraries of the higher education institutions. DonNTU had also participated in the project. He stressed that the round table had brought together representatives of science, education and culture. This meeting gave an opportunity to dive into historical and business relations with Donetsk, Donbas, with representatives of DonNTU. Ivan Alexandrovich expressed confidence in an effective partnership.

The Rector of DonNTU Alexander Yakovlevich Anoprienko also noted the importance of cooperation in the current realities. Recently, we are a full-fledged Russian federal university. Now any cooperation for us will be effective, because together we can do more than one. During the pandemic we have perfected all the technologies of remote interaction, and now distances will not be a hindrance to us», - stressed the Rector of DonNTU.

In his speech, the Rector of USU Roman Viktorovich Kuchin noted that currently expanding horizons, as well as developing relations in technical areas of training and other vectors with DonNTU, its powerful school would allow the exchange of knowledge, research and increase of academic activity.

(Based on the site materials of the Museum of Geology, Oil and Gas)

DONNTU and Moscow Institute of Electronic Engineering Conclude Cooperation Agreement

Donetsk National Technical University and Moscow Institute of Electronic Technology in the persons of the Rectors Alexander Yakovlevich Anoprienko and Vladimir Bepalov signed a cooperation agreement.



Photo: DonNTU's Site

The main areas of cooperation are:

1. Implementation of joint educational programs for the training of highly qualified personnel;
2. Use of postgraduate, doctoral and thesis councils for the training of scientific and pedagogical personnel of higher qualification;
3. Conducting joint basic and applied scientific research and developing practical recommendations on its results;
4. Exchange of specialists in the framework of educational and research programs, experience in the organization and implementation of teaching and research activities; educational and research activities;

5. Information exchange, joint preparation and publication of scientific monographs, articles and work collections.

XIV International Science and Technology Conference

“Informatics, Control Systems, Mathematical and Computer Modeling” at DonNTU

Donetsk National Technical University on the basis of the Scientific and Educational Institute of Computer Sciences and Technologies, as well as the Faculty of Information Systems and Technologies held the XIV International Scientific and Technical Conference «Informatics, Control Systems, Mathematical and Computer Modeling» (ICSMCM -23) on May 24-25.

The purpose of the event was exchange of scientific and technical information, identification of innovative perspectives of informatization of all spheres of activity of modern society, development of joint scientific programs, development of cooperation, establishing business contacts and business linkages in the field of information technology.

On May 24 the plenary session in the online format was held where the Rector of DonNTU the Head of the Department of Computer Engineering A.Y. Anoprienko delivered a welcome speech and a report. Reports were also presented by Yu.A.Skobtsov, Professor of Computer Technology and Software Engineering, St. Petersburg State University of Aerospace Instrumentation, the Honorary Doctor of DonNTU, Professor of the Department of Higher Mathematics 1 of the National Research University “Moscow Institute of Electronic Engineering” I.B. Kozhukhov; a graduate of the Department of Automated Control Systems, the Head of the development group in the company “Laboratory Executive Com” (Moscow) T.O. Grankin.

On 24-25 May online breakout sessions were held during which presentations were given by teachers, students, postgraduate students and young scientists of the Donetsk People’s Republic, the Russian Federation (Moscow, St. Petersburg, Volgograd, Rostov-on-Don, Taganrog, Tyumen, and Stavropol), the Republic of Belarus (Minsk), Israel. At the end of the sessions the most interesting reports were awarded with certificates for the first, second and third places.

The conference materials are available in the collection of the conference proceedings in electronic form with registration in the RSCI. The most interesting articles are recommended for publication in the electronic periodic peer-reviewed edition of “Informatics and Cybernetics”.

The ICSMCM-23 conference became a platform for joint communication and partnership in the field of information technologies, and its participants got acquainted with the latest technologies and trends in the chosen sphere.

Young Scientists of DONNTU Take Part in International Forum-Competition “Topical Problems of Subsoil Use” in the Saint Petersburg Mountain University of Empress Catherine II

St. Petersburg University of the Empress Catherine II under the auspices of the Commission of the Russian Federation for UNESCO held the XIX International Forum Competition “Topical Problems of Subsoil Use” on May 22 - 26.

It was attended by young scientists from 32 countries, including Iran, China, Kazakhstan, Vietnam, India, African and Latin American countries. More than a thousand undergraduate and graduate students, master’s and postgraduate students, young PhDs presented their scientific projects to experts from leading mineral companies and flagship universities. The projects were devoted to the issues of increasing the efficiency of extraction and use of natural resources, as well as reducing the man-made burden on the environment.

The event was attended by a delegation of Donetsk National Technical University students and postgraduates headed by the First Vice-Rector A.A. Karakozov and the Vice-Rector A.N. Ryazanov. Donetsk polytechnics were also given the opportunity to participate in the Forum online.

Representatives of DonNTU were awarded with the diplomas of the Forum winners in the following areas:

1. “Complex Development of Oil and Gas Fields and Transportation of Hydrocarbon Raw



Photo: DonNTU's Site

Materials» in the category “Specialists” - Anastasia Brabchenko, Faculty of Subsoil Management and Earth Sciences (Supervisor- the Head of the Department of Drilling Technology A.A. Karakozov);

2. “Physical and Chemical Technologies of Processing of Natural and Technogenic Raw mMaterials” in the category “Postgraduates” - Alexander Padalka (Faculty of Metallurgy and Thermal Power, Supervisor- the Head of the Department of Mining Processes and

Low-waste Technologies V.V. Kochura);

3. “Economics of Sustainable Development and Global Investment Trends” in the category “Postgraduate Students” - Anna Efymenko (Faculty of Engineering and Economics, Supervisor- Professor of Economic Theory and Public Administration, Y.V. Khomenko);

4 “Energy Efficiency of Production in the Mineral Resource Complex” in the category “Postgraduate Students” - Anton Gritsaenko (Mining Faculty, Supervisor - Professor of Construction of Buildings, Underground Structures and Geomechanics K.N. Labinsky).

The Organizing Committee also noted the high professionalism of DonNTU scientists who acted as experts: the First Vice-Rector A.A. Karakozov, the Vice-Rector S.V. Borshevsy, the Vice-Rector A.N. Ryazanov, the Dean of the Mining Faculty A.N. Korchevsky, the Dean of Engineering and Economic Faculty A.A. Kravchenko, the Head of the Department of Mining Processes and Low Waste Technologies V.V. Kochura, Associate Professor of Economics and Marketing E.I. Polyakova, Professor of Business Management and Personnel of I.V. Kochura and others.

We congratulate the Forum winners, their scientific I supervisors and all participants of the event. We wish them not to stop on the achieved and to move only forward!

DonNTU Teachers as Participants of Competition of Supervising Professors in Saint Petersburg

Since September 2022 a joint project of Donetsk National Technical University and Saint Petersburg Mining University on the inclusion of training of first-year students of DonNTU has been implemented. For their effective adaptation, support in educational activities, solving administrative and domestic issues, conducting educational work teachers of the Technical University were nominated as their supervising professors.

According to the order of the Vice Rector of the Mining University Marat Leonidovich Rudakov, Associate Professors of the Departments of Environmental Activity and Business Management and Personnel of DonNTU Darya Makeeva and Alexandra Kulik participated in the competition of academic groups' supervising professors of the Mining University. Their report on the work of the supervising professors of Donetsk students aroused lively interest of the audience, the participants asked many questions. A wide range of responsibilities and a high level of mentoring were noted. According to the results of the competition, Darya Makeeva and Aleksandra Kulik participated in the city competition of supervising professors of Saint Petersburg (outside the competition program).

At the city competition, which was held with the support of the Council of Rectors of universities of Saint Petersburg and Leningrad Oblast, as well as the Committee on Science and Higher School, DonNTU teachers successfully made a report and presented their university and



Photo: DonNTU's Site

the Mining University. The Expert Commission commended the presentation and the work of DonNTU in the challenging modern environment.

Representatives of DONNTU – Participants of Siberian Personnel Forum

Teachers and students of the Department of Business and Personnel Management of Donetsk National Technical University took an active part in the All-Russian Scientific and Practical Conference “Management of Human Resources: Theory, Practice, Prospects” held on April 26 - 28th. The event was held within the framework of the Siberian Personnel Forum organized by Novosibirsk State University of Economics and Management.

The All-Russian competition of student research works in the field of labor economy and personnel management was also held. It was dedicated to the memory of V.I. Zanin. The competition was attended by the scientific works of the winners of the university stage of the competition in personnel management and labour economics.

In undergraduates breakup group “Modern Tools in Personnel Management” students of DonNTU showed such results as:

1st place - Ekaterina Fefelova, the first-year graduate student, with the scientific work «Improvement of the System of Professional Training of Enterprise Staff» (scientific supervisor- the Associate Professor Tatiana Viktorovna Kovalenko);

3rd place - Igor Romanenko and Maria Bakaliuk, 2 year master’s students with the scientific work “Strategy of Personnel Development on the Basis of Social Responsibility» (the scientific supervisor- the Head of the Department of Business and Personnel Management the Associate Professor Inna Kondaurova).

The title of the laureate of the competition was awarded to Vlada Rubtsova, the third-year bachelor student (the scientific supervisor- Senior Lecturer Olga Anatolyevna Shtager)

Representative of DONNTU is Winner of All-Russian Space dictation

E.V. Alekseeva, the Head of the Department of Students’ Engineering and Design work of Donetsk national Technical University, the supervising professor of “space classes” of the DPR was among 50 winners of online All-Russian Space Dictation. The dictation took place on April 12 in the face-to-face and remote formats. The operator of the online platform of KosmoVseobuch.RF was the company “New Space”.

The event was attended by representatives of 85 regions of the Russian Federation and 59 –from other countries. The dictation included several dozen questions that were asked live on April 12

by astronauts, politicians, actors and filmmakers who made space movies, and the participants immediately needed to choose the answers.

The questions were related to the history of astronautics, USSR designers who launched the space program in the 30-50’s, as well as to the current state of astronautics in Russia.

More than 62,000 people watched the dictation on social networks, of which more than 30000 people wrote the dictation online live.



Photo: DonNTU’s Site

The winners of the dictation, including E.V.

Alekseeva, received souvenirs from the State Corporation “Roskosmos”.

DonNTU Teachers Attend Refresher Courses at Donskoy State Technical University

18 professors of Donetsk National Technical University have taken part in the program to improve the level of competence for the staff and professors of universities of the DPR, the LPR, Zaporizhia and Kherson Regions organized at Donskoy State Technical University. On 15 – 20th

May 2023 they attended the Intensive Program which included seminars, workshops, quizzes and cultural and educational activities. Speakers and experts of the event were the leading universities of the Russian Federation.

The program consisted of two modules, a core module and a profile module. Within the core module, all participants were able to learn about the relevant topics:

- features of university preparation for accreditation monitoring 2023;
- practical aspects of digitalization of planning and implementation of the educational process. EIOS educational organization and its content;
- the basics of project activities;
- experience with e-learning systems in DSTU;
- civil, patriotic and spiritual and moral education on the basis of consideration of topical problems of Russian history;
- the procedure and features of preparation of applications for participation in scientific competitions and programs;
- information transparency of educational organization. Placement of information in the special section «Information about educational organization».

The profile module was held in the areas of «Economy and Management» and «Linguistics and Literature».

The certificates of advanced training were issued to the participants based on the results of the training.



Photo: L.A. Kukushkina

DonNTU's Students are Participants of Project «LDPR and Liberated Territories in United Russian Cultural and Civilization Field»

DONNTU students took part in the project «The LDHP and Liberated Territories in the Unified Russian Cultural and Civilization Field» at Darya Dugina People's University in Rostov-on-Don (21-24 April). This was preceded by the completion of the competitive selection - writing an essay on the reasons for participating in the event. Many students of DonNTU passed the selection and became participants of the project: Darya First, Vadim Yakubenko, Fyodor Denisyuk, Leonid Sygin, Evgeniy Geichenko, Mikhail Zakotnyuk, Ksenia Petrova, Danil Atyukov, Carolina Shilova, Irina Leshchenko.

Within the framework of the project a two-day trip to Rostov-on-Don was organized for students, teachers, researchers and cultural workers of the LDHP. The project was organized in Rostov-on-Don. Lectures, seminars, creative performances and film screenings were held with the participation of leading philosophers, historians, religious scholars, cultural scientists, poets and directors of Russia, who share the ideas

of uniting the Russian world and patriotism, are interested in the theme of the Donbas.

There were also creative performances and literature seminars of famous poets and musicians - Elena Zaslavskaya, Alexander Pelevin, Yegor Sergeev and Nikita Rogozin. The film screenings of the documentary works of the director Olesya Shigina devoted to modern people-creators



Photo: DonNTU's Site

were organized, and discussions with her participation took place.

At the end of the project the participants were given the opportunity to present their projects. The project of Leonid Sygin was devoted to the creation of an interactive information system for acquaintance with sightseeing and memorable places using NFC-technologies. After the presentation, the organizers presented all speakers with T-shirts with symbols of Darya Dugina People's University.

They also shared their plans and announced that 40 LDPR students from the People's University, who have scored the most points in the course by mid-July, will participate in a three-day event, which will be held in St. Petersburg from August 31 to September 4 hosted by the health complex of the Russian Academy of National Economy and Civil Service under the President of the Russian Federation.

Metallurgical Students of Donetsk National Technical University Reached Final of Student League of Championship CASE-IN

On April 26th students of the Department of Non-ferrous Metallurgy and Structural Materials (the Head of the Department - Associate Professor S.Y. Pasechnik) of the Faculty of Metallurgy and Thermal Power of Donetsk National Technical University on April 26 successfully performed in the in-person qualifying stage of the International Engineering Championship CASE-IN in the direction of «Metallurgy» and passed to the final of the championship, which will be held in Moscow (May 30 - June 1). The members of the DONNTU team are Ilya Borodatsky, Danil Dyatlov, Ilya Pastukho with senior lecturer of the Department of Non-ferrous Metallurgy and Construction Materials A.J. Pasechnik being their coach.

CASE-IN International Engineering Championship is a competition to solve engineering cases for schoolchildren, students and young professionals. It is included in the presidential platform of «Russia - the Country of Opportunities» and is in the TOP-15 World Olympiads according to the rating agency RAEX (RAEX-Analytics). This year's event is dedicated to the theme «Technological Leadership». The Student League of the International Engineering Championship CASE-IN is a team competition among students of universities in the solution of engineering cases. Within the framework of the championship it is carried out in the following directions: «Geological Exploration», «Mining Business», «Mining Machinery and Equipment», «Metallurgy», «Oil and Gas Business», «Petrochemistry», «Project Engineering», «Heat Power Engineering», «Electric Power Industry».

In the direction of «Metallurgy» the student league takes place among the representatives of universities, which in teams of 3-4 people solve engineering cases in the field of metallurgy, devoted to real production problems and developed on the basis of materials of branch enterprises. This year the case for the participants of the championship has been developed by RUSAL - one of the leaders in aluminum production in the world. It is dedicated to solving the real production situation that has arisen at the enterprises of RUSAL Company, and is

aimed at improving the technology of aluminum production taking into account the implementation of mechanisms of import substitution, resource- and energy-saving measures to reduce the cost of aluminum production, ensure high quality standards and implement ESG-principles.

Within 10 days it was necessary to solve the case. During this time, the DONNTU team studied the features of aluminum production at the RUSAL Company and proposed technological, logistical, economic and environmental solutions aimed at improving production technology and

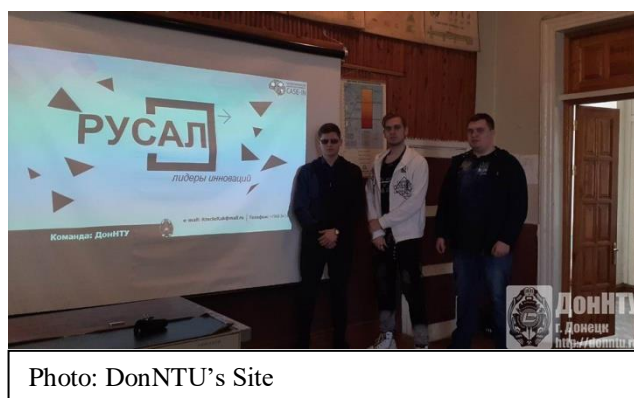


Photo: DonNTU's Site

reducing production costs.

DONNTU's Students are Finalists of First International Programming Festival «Peace Code»



Photo: DonNTU's Site

Students of Donetsk National Technical University as part of the national team of the Donetsk People's Republic took part in the first International Programming Festival «Peace Code», which was held in Grozny from on 4 – 28th of May. Teams representing almost all regions of Russia and friendly countries took part in the event.

The competition was held in two disciplines: «Algorithmic Programming» and «Product Programming». In the first discipline, the

DonNTU team was represented by Sygin Ivan, Babilin Mikhail, and Vasilchenko Oleg.

In the discipline «Product Programming», where the task of developing a digital solution for pre-order of farm products with the possibility of subscription for a food basket was solved the team of DonNTU, representing the DPR, passed to the final.

Students of our faculty have passed to the final in the discipline "Food Programming". Congratulations on a worthy result and wishing further victories!

V Open Republican Student Olympiad on Discipline «Hydraulics» with Participation of Russian Universities

On April 25-26 Donetsk National Technical University and its Department of Energy Mechanical Systems of the Faculty of Integrated and Mechatronic Productions hosted the online V Open Republican Student Olympiad «Hydraulics». 39 students participated in the Olympiad as members of 12 teams from 10 universities of the Russian Federation.

The winners in the individual championship were:

II place – Ilya Efros, Moscow State Technical University named after N.E. Bauman (National Research University);

Third place - Vladislav Vasilenko, Donetsk National Technical University;

In the team ranking seats were distributed as follows;

1st place - N.E. Bauman Moscow State Technical University (National Research University);

II place - Russian State University of Oil and Gas (National Research University) named after I.M. Gubkin;

3rd place - Donbas State Technical University, Alchevsk;

4th place - Donetsk National Technical University (team 2);

5th place - Architectural and Construction Institute of Ufa State Oil Technical University;

6th place - Donbas National Academy of Construction and Architecture, Makeevka;

VII place - Donetsk National Technical University (team 1);

VIII place - Melitopol State University named after A.S. Makarenko;

IX place – The Academy of Civil Protection of the Ministry of Civil Defense, Emergency Situations and Disaster Management of the Donetsk People's Republic (team 2). and Donetsk National University of Economics and Trade named after M. Tugan-Baranovsky.

Winners and participants will get diplomas and certificates. We thank all participants of the



Photo; DonNTU's Site

Olympiad for their active participation.

VI International Scientific and Practical Conference on Linguistics at DonNTU

On May 16 the online VI International Scientific and Practical Conference «Linguistic Research and its Use in the Practice of Teaching the Discipline «Russian Language and Speech Culture» was held at Donetsk National Technical University.

Russian and foreign language researchers - representatives of various educational institutions of the Russian Federation, the Transnistrian Moldovan Republic, the Kyrgyz Republic, the Republic of Belarus and the People's Republic of China.

The working languages of the conference were Russian, English, German, and French.

Teachers, young scientists, graduate students and undergraduates (co-authored with scientific leaders) had been invited to participate. According to the organizers, participation of students in international conferences during their studies at the

university not only allows to deepen knowledge on the studied subjects, but also to see the other side of the professional activity of the teacher related to scientific research.

According to the conference materials it is supposed to issue a collection of scientific works «Linguistic Research and Their Use in the Practice of Teaching «The Russian Language and the Language Culture» and other Linguistic Disciplines» with registration in the RSC.



Photo: DonNTU's Site

III International Student's Scientific and Practical Conference «Topical Problems of Speech Culture of Future Specialist»

On May 15-19 the Department of Russian Language of Donetsk National Technical University held the III International Student's Scientific and Practical Conference «Topical Problems of Speech Culture of the Future Specialist».

Participants were postgraduate students, undergraduates, students of all years of studying and specialties of leading universities of the Russian Federation, the Transnistrian Moldovan Republic, the Republic of Belarus and the People's Republic of China, as well as students of technical schools, secondary schools whose scientific interests are connected with the problems of linguistics, cultural studies and intercultural communication.

The purpose of the event was to stimulation of creative initiative of young researchers, their participation in solving the urgent problems of modern philology, journalism, theory and practice of communication; creation of the single scientific and creative space, establishing business contacts among young scientists of Russia and near abroad.

More than fifty abstracts had been submitted to the conference, which will be published as the electronic collection of materials and sent to all participants.

DONNTU Students are Prize Winners of International Olympiad in Metrology, Interchangeability and Standardization

Students of the Department of Fundamentals of Machine Design of Donetsk National Technical University won the International Olympiad on Metrology, Interchangeability and Standardization held on April 26-27 at Donbas State Technical University (Alchevsk).

The online event was in two stages: I stage - electronic testing on the platform EO and DOT DonSTU; II stage - the solution of computational and analytical tasks of the Single Competitive Task. The level of complexity was very high and required not only standard knowledge in the

discipline, but also non-standard approaches.

DonNTU's student Kirill Ryasnoi ranked the second in the personal competition. DonNTU's team (Kirill Ryasnoi, Boris Kalinichenko, and Andrei Kopzlov) also ranked the second.

IX International Scientific and Practical Conference of Young Scientists and Students “Metallurgy of XXI Century through Eyes of Young People” at DonNTU

On May 23-24, Donetsk National Technical University held the IX International Scientific and Practical Conference of Young Scientists and Students «Metallurgy of the XXI Century with the Eyes of Young People».



Photo: DonNTU's Site

51 reports from 7 educational institutions had been submitted: Donetsk National Technical University - 40, South Ural State University - 5, Donbas State Technical University - 2, Donskoy State Technical University - 1, the Institute of Machine Science named after E.S. Gorkunov, Ural Branch of the Russian Academy of Sciences - 1, Novotroitsk branch of NITU «MISIS» - 1, Ural Federal University named after the first President of Russia B. N. Yeltsin - 1.

The priority directions and developments in the field of metallurgical production are:

- 1) Improved preparation of iron ore materials and coke for blast furnace melting; use of combined blowing of high parameters;
- 2) Improvement of BOF steel production technology, as well as equipment and technology for continuous casting of work pieces;
- 3) Improving the production of steel in arc-type electric melting furnaces, electroslag technologies and materials for surfacing and casting of wear-resistant equipment parts;
- 4) Improving casting processes and the quality of finished products;
- 5) More efficient production of sheet metal, tubes and rolled railway wheels;
- 6) Development of technologies and equipment for thermal and deformation-thermal treatment of products, anti-corrosion technologies of parts, tools and metal structures;
- 7) Improvement of coal combustion processes in boiler units; improvement of efficiency of heat supply systems; energy efficiency and conservation in the national economy;
- 8) Reduction of harmful emissions from metal production, recycling, safety and fire safety in metallurgy.

ARI of DonNTU Holds IX International Scientific and Practical Conference “Scientific and Technical Aspects of Automotive Complex Development”

On May 25 the Automobile Road Institute of Donetsk National Technical University hosted online IX International Scientific and Practical Conference “Scientific and Technical Aspects of the Automotive Sector Development “ within the IX International Scientific Forum of the DPR «Innovative Perspectives of the Donbas: Infrastructure and Socio-economic Development».

This year the organizing committee has received 81 reports from 182 participants of the event from the Russian Federation, Belarus and Tajikistan. The work was carried out in a face-to-face remote format using the Yandex.Telemost platform. The plenary session was held in the conference hall of the Institute. It was opened by the university Director Roman Yurievich Zalada.

The Head of the Center for Training of Tractor-Drivers of Agricultural Production the Associate Professor of the Department of Agricultural Machines, Tractors, Cars of Voronezh State Agrarian University named after Peter I Arkady Vasilyevich Khimchenko wished the participants practical implementation of the conference results and development of joint projects

of scientists of various educational organizations.

Scientific secretary Dmitry Samisko introduced the format of the event.

The plenary session was attended by the Deputy Director of the Institute Svetlana Alekseevna Juskova, the Deans Valeriy Vasilyevich Bykov and Tatiana Aleksandrovna Samisko, the Head of the Department of Automobile Transport, Professor Nikolay Ivanovich Mishchenko, the Head of the Research Board Oksana Ivanovna Chornovus, teachers and employees of the university.

The program presented the reports of scientists, graduate students and students on current problems of development of the Donbas transport system: strategies and prospects of development of transport and vehicles; modern technologies in transport; transport systems; logistics; traffic organization and safety; transport economics; road vehicle design, production and operation, road repair and maintenance, ecology.



Photo: DonNTU's Site

Following the plenary session, work continued in six breakup groups. The participants were able to participate in the discussion of the reports in person or remotely. Common problems in transport development in different countries were noted.

The results of the conference were the expansion of interconnections and the exchange of experience in addressing issues related to the research, development and use of modern efficient technologies in all spheres of transport industry activity.

The Newsletter was prepared by the International Office of DonNTU including materials of the newspaper "Donetsk Polytechnic".

For questions of materials placed in the Newsletter, please contact: 1st Building of Donetsk National Technical University, r. 220; tel.: 08 - 25; URL: <https://donntu.ru/international-cooperation> E-mail: ovs@donntu.ru

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