



Professor Anoprienko's, DONNTU's Rector, Interview to Journalist of Site "Outpost North-West"

– Mr. Rector, on March 21, in a standoff with the armed forces of Ukraine and nationalist parties, Donetsk National Technical University decided to resume its work. I switched to the six-day program and transferred the learning process to a remote format. Which areas of the work can be saved?

– All universities of the Republic resumed their work remotely on March 21. Thus, the suspension of the educational process, connected with the particularly dangerous period of possible attacks of the armed forces of Ukraine on the cities of the DPR, has been completed. But this does not mean that the military operations on the front line, which for almost 8 years now has been literally on the western borders of Donetsk and Gorlovka - the largest university cities of the Republic - are over. Not in the least. The danger of shelling the downtown areas has been significantly reduced, but day by day is still passing under the sound of heavy gunfire. Everyone understands that the blow of the Ukrainian «Tochka-U», which took two dozens of lives on March 14 in University Street (approximately between the northern and southern campuses of our university, literally a few hundred meters from each of them), can still be repeated at any moment. This imposes significant restrictions on all processes in the city, including educational. For example, all public events are banned. Displacement in many parts of the city, mostly in the west, poses real risks to life. In addition, and this is the most difficult for the university, many dozens of teachers and hundreds of students of our university are mobilized into the armed forces, are taking part in heavy battles, there are dead and wounded. Information and computer resources of the university are subjected to constant hacker attacks from the Ukrainian side and from the West in general. We had to change our domain names again, because the previous ones were completely blocked by Western providers. All this significantly complicates the normal conduct of the educational process even remotely. Nevertheless, the remaining teachers and students do their best, often "for themselves and for that guy", to catch up during the suspension of the educational process and do not miss any of the directions of work and to achieve a more or less successful completion of the school year, as far as it is possible in the current context, within the prescribed time frame.



Photo: DONNTU's Site

Long years of life in close proximity to the front line hardened people, and developed a habit of enduring the difficulties and dangers of the wartime. Now, thanks to Russia's resolute intervention, there is hope for the early establishment of lasting peace, the restoration of the Donbass and the transition to a sustainable regime of construction.

– In recent days there have been several reports about the participation of your university in representative scientific conferences. Tell us how you interacted with Russian universities before the independence of the Donetsk and Lugansk People's Republics. How intensive is the process of academic interaction being built today?

– For teachers of my generation, the current processes of integration of Donetsk universities into the Russian educational and scientific space look more like reintegration. We still vividly remember how our students were trained in scientific and industrial centers throughout the huge Soviet Union, participated in scientific conferences and competitions of scientific works, getting, by the way, as a rule, prizes along with the leading Moscow and Leningrad universities. I myself once took the second place as a student in the All-Union competition of student scientific works. And as a young teacher and then a graduate student, I took an active part in research and development not only of Donetsk, but also of Moscow research institutes and enterprises, having the opportunity to report the results of their work at the most prestigious conferences in almost all significant scientific centers of the USSR.

After the collapse of the Soviet Union, all this ended. And in Ukraine itself, the intensity of scientific life also sharply decreased. This was partly compensated by the reorientation towards Western Europe, which began to actively involve our universities in various internships and research grants. But this could not replace the lost cooperation with the leading Russian universities and research centers at that time. That is why after 2014 we began to intensively restore the lost connections and form new directions of scientific and educational cooperation. In 2015 alone, dozens of cooperation agreements with Russian universities were concluded. In the future, their number increased. At the same time, however, due to the fact that the Republic was not recognized, and the associated with it uncertainty of its status did not allow us to fully participate in Russian research and project activities. Now we hope that much will be changed for the better in the near future.

– What areas of inter-university cooperation with Russian universities and universities of other countries do you consider the most promising for DONNTU?

– Naturally, this is cooperation in the field of education, inclusion in the relevant Russian projects and consortia, development of online forms of training, implementation of the best that was realized by Russian universities in recent decades. At the time, DONNTU was consistently in the top three-five of the best technical universities of Ukraine, having trained for the years of its work almost 250 thousand qualified professionals for more than a hundred countries of the world. Among the graduates are many very successful and famous people, such as Nguyen Van An, the President of the Vietnamese National Assembly from 2001 to 2006.

Years of war and a kind of hybrid blockade led to a significant reduction in the number of students and the need for a new revival of the university in the field of education. In some respects, this work is comparable to the situation after the Great Patriotic War. Such a large-scale process can be effectively implemented only in close cooperation with leading universities of Russia.

Of course, scientific cooperation is also relevant, as it is in the development of scientific and project activities that the lag of Ukrainian universities after 2000 became especially noticeable. And with us, it has been considerably complicated by years of unrecognized status and war almost at our doorstep.

– In recent years, the leadership of the DPR has repeatedly raised the issue of the importance of developing deep coal processing technologies in the Republic including those in terms of engineering training for such industries. What is the situation, what are the plans for today on this topic?

– Donbass has been, is, and I'm sure many decades to come will be primarily the coalfield. Our reserves, for example, of anthracite today are comparable to those of the two largest possessors, Russia and China. At the end of the First World War and on the eve of the Russian Civil War, Donbas produced up to 90% of all Russian coal. And we began our existence 100 years ago as a university in the form of a mining institute, established to provide engineers first of all for the restoration of the Donetsk mining industry.

We still have the Mining Institute in the university. Its tasks are now almost the same. Of course, only advanced technologies, including those related to deep coal processing, can give a new breath to the coal industry in Donbas. We have been working systematically in this direction for several years, including in cooperation with the Saint Petersburg Mining University, in the image and likeness of which we were once created. Its ongoing assistance and support are particularly appreciated.

The revival of Donbas will be possible with the support not only of coal mining and processing, but also of metallurgy, mechanical engineering, high technology. We are ready to provide highly qualified engineering personnel. Back in the beginning of 2015, during the next intensification of hostilities, we initiated the annual scientific and practical forums “Innovative prospects of Donbass” in the Republic on the basis of our university. They have enabled us, even during the most difficult years of war, not to lose sight of the prospects for the reconstruction and development of our industrial region and to shape a vision for its post-war future.

The forums are traditionally held at the end of May, dedicated to the anniversary of DONNTU. This year, for the first time, St. Petersburg Mining University will act as a co-founder of the Forum, which will significantly increase the theoretical and practical significance and status of one of the most important scientific events for the region. The agenda of the forum, of course, will include issues of deep coal processing. Undoubtedly, they will receive a new impulse to implementation and development.

– How do you rate the internship of DONNTU undergraduate and graduate students at Saint Petersburg Mining University? In what direction will the cooperation of the two universities continue?

– Thanks to the initiative of SPMU’s Rector Vladimir Litvinenko, we were able to implement a fundamentally new form of cooperation for us in the form of a rather massive (we are talking about groups of 50-80 people) short-term internships of our students in Saint-Petersburg Mining University. Its importance cannot be overestimated. The opportunity to take a study course (in this case, it is an important topic for all engineers - the philosophy of science) in the oldest and leading technical university of Russia - is for our students and postgraduate students as a breath of fresh air and a kind of journey into an engineering and cultural fairy tale.

Despite the high level of engineering education we maintain, we still lag significantly behind in the technical equipment and the introduction of new technologies. And the military situation of recent years has not contributed to the development of the material base of the university. In addition, Saint Petersburg is the cultural and historical capital of Russia, even a short stay in which leaves an indelible imprint in the minds and souls of young people, most of whom make such a journey for the first time. I still remember very well what an indelible impression the Leningrad internship left at the very beginning of my teaching activity.

The circumstances of the current wartime allowed involving only our girls in this process, but I hope that in the future the numerous male students of both the DONNTU Mining Institute and other departments will be involved. Other forms of cooperation are being developed with the management of Saint Petersburg Mining University, including the forms of industrial practices and inclusive training.

– ***What do you think is the most important for the early recovery and expansion of the educational and scientific potential of DONNTU after the completion of the special operation of the Russian Federation in Ukraine?***

– Today, for us, as for all residents of the Donbas, the most important conditions for the restoration and growth of all and everything in the Republic are the establishment of lasting peace and the maximum elimination of barriers and difficulties of movement between us and Great Russia. If we talk specifically about our university, as for any other technical university, for us the most important are modern technical facilities, first of all computers, and in this regard reaching the level of leading universities of Russia. In addition, of course, full integration into the scientific and educational space of Russia is necessary. It is, in particular, access to grant opportunities, participation in major scientific and technological research and development, academic mobility and much more.

International Cooperation - Key to University Development



Photo: Donetsk Polytechnic

Donetsk National Technical University is a widely known in the world educational community higher education institution. During its 100-year history, the university trained about 6.000 professionals from various technical fields for more than eighty countries of the world. In the 1990s, DONNTU

established and effectively conducted foreign language training in German, French, English and Polish technical faculties. The practice included the education of students in universities of Europe, developed cooperation with scientific centers of foreign countries for joint research. The events of 2014 made it impossible to develop links with European countries. Under difficult conditions, the higher educational establishments of the Republic received huge support from Russia. In 2015, about two hundred students of our university from among graduates of Master's degree program passed the state final certification in universities of the Southern Federal District and on its results received diplomas of the state standard of the Russian Federation.

International cooperation is progressing well. At the beginning of 2022, the university had 64 agreements with foreign partners, three quarters of which were leading Russian universities and research and production enterprises. The main areas of interaction are educational and scientific activities.

The training of students in double degree programs is a positive example. In this direction, on the initiative of the Department of Electric Drive and Automation of Industrial Installations (Head of the Department - Associate Professor P.I. Rozkaryaka) cooperation with Belgorod State Technological University named after V.G. Shukhov is being developed. 71 students of the Faculty of Intelligent Electric Power and Robotics of DONNTU successfully defended their final qualification works



Магистры ФИЭРСП.И. Розкарякой (четвертый слева в первом ряду)

Photo: Donetsk Polytechnic

and received Master's degrees at this university. At the same time, it should be noted the high indicator of the quality of work defense and exceptional review of work of our teachers obtained from the staff of the University of Belgorod as to the results of scientific research demonstrated by our students.

The Departments of International Economy (Head of the Department - associate professor L.V. Shabalina) and Economic Cybernetics (Head of the Department - A.O. Kolomitseva) have been working with Ural Federal University named after the first President of Russia B.N. Yeltsin since 2015.

As for the international scientific activity, we would like to note the work that for many years has been organized by the Head of the Department of Engineering Technology Prof. A.N. Mikhailov. The International Scientific and Technical Conference «Mechanical Engineering and Technosphere of the XXI Century» held in September 2021 took place for the twenty-eighth time. During these decades, the venues changed: Taganrog, Tunisia, Sevastopol, but the high scientific level of the event and wide representation of the participating countries remained unchanged.

The results of the introduction of research and developments of the Department of Mineral Processing (Head of the Department - Associate Professor A.N. Korchevsky)

deserve special mention. Modular coal sludge enrichment complexes created under his leadership have passed successful industrial tests at the enterprises of the Russian Federation and Kazakhstan, which is confirmed by acts of economic effect.

The recognition by the Russian Federation of the Donetsk People's Republic as an independent and sovereign State takes international cooperation to an entirely new level.

At the end of February and March, the Rector of the university received letters from the heads of 16 universities of Russia with the proposal to conclude a new or revise in order to deepen cooperation the already existing agreement.

Among them are leading universities from Saint Petersburg: Mining University, Peter the Great Polytechnic University, State University; Moscow universities: Gubkin University of Oil and Gas, Russian State Geological Exploration University; Ufa State Oil Technical University and Ufa State Aviation Technical University, Southern Federal University, Donskoi State Technical University and others.

It is especially desirable to note the desire to build effective cooperation from the universities of the Russian Federation-members of the Consortium "Nedra". The Consortium of higher educational institutions "Nedra" was established in 2020 with the aim of uniting intellectual and material resources to improve the quality of training



Photo: Donetsk Polytechnic

of specialists for the mineral and raw material complex of Russia, improvement of training and methodical work, expansion of publication activity, and growth of competence of university teachers. Another undoubted advantage is the access of all members of the Consortium to the infrastructure of leading educational institutions, that is, the most modern, often unique scientific equipment and educational infrastructure.

In 2020, the Consortium was established by 14 universities. Today it unites more than 70 universities, more than 800 thousand students and 50 thousand teachers. In cooperation with each other, educational institutions have accumulated efforts to influence state structures in order to solve the problems existing in mining and oil and gas industries, as well as in higher technical education in general.

The leading university of the Consortium «Nedra» is Saint-Petersburg Mining University. The cooperation between Donetsk National Technical University and Saint Petersburg Mining University has a good history. Since the Soviet times, the two universities have been successfully cooperating at the level of their departments. University scientists know each other well from publications, thanks to opposition of dissertation works, joint participation in scientific events. Thus, the employees of the Mining University have been taking an active part in the work of the conference «Drilling wells in difficult conditions», which is conducted by the Department of Technology and Techniques of Drilling of DONNTU for decades. The Department

staff is permanent guests at international forums in St. Petersburg. The two universities combine the implementation of educational programs that coincide and are close in content. DONNTU has employed and now continues to work with employees who received basic education at Saint Petersburg Mining University (formerly - Leningrad Mining Institute), defended doctoral and candidate's theses at this university. SPMU is the first higher technical educational institution in Russia, and DONNTU is the ancestor of technical education in Donbas.

After the proclamation of the Donetsk People's Republic, the Mining University became one of the first universities, the management of which expressed support for Donetsk National Technical University. In 2015, the Rectors of the two universities signed a new agreement on cooperation, which defined the main forms of cooperation in the educational and scientific sphere. The agreement has no time limit. Every year DONNTU students and young scientists take part in the International Forum-Competition of Young Researchers "Topical Problems of Subsoil Use", conducted by St. Petersburg Mining University in cooperation with the UNESCO Center of Competence. Participants from DONNTU repeatedly won this highly recognized in the global scientific and educational community Forum-Competition.

Late February this year, Professor V.S. Litvinenko, the Rector of SPMU sent Prof. A.Y. Anoprienko a proposal to supervise DONNTU by the Mining University. The proposal is coordinated with the Ministry of Science and Higher Education of the Russian Federation and involves the development and implementation of a comprehensive assistance plan, which is aimed primarily at upgrading the material and technical base of DONNTU and, as a consequence, to improve the quality of training of graduates to the level that fully meets the modern requirements of science and technology. At the invitation of the Rector of SPMU, the DONNTU delegation, consisting of the Chairman of the Council of Young Scientists of the University, a postgraduate student and students representing mining and computer fields of study visited Mining University from 21 to 25 March 2022. During the visit, representatives of DONNTU got acquainted with the infrastructure of SPMU, the educational and scientific center of digital technologies, training centers with virtual simulators, faculties, and departments and laboratories; studied the features of the organization of the educational process, the work of the enrollment commission, and educational work with young people.

Key issues of cooperation between the two universities were discussed during the online meeting of the Rectors of SPMU and DONNTU with the participation of Vice-Rectors. The Rector V.S. Litvinenko noted that SPMU is well aware of what is happening now in the Donbass, and is ready to provide full assistance to colleagues. Several



Photo: Donetsk Polytechnic

areas have been identified where work can begin now. One of them is internships of DONNTU students in Petersburg on the basis of Mining University. Another initiative concerned the joining of DONNTU the Consortium “Nedra”.

The main areas of cooperation are also considered:

1. Included (up to a year) training of students of DONNTU, and in the future also students of SPMU, in a partner university on concurrent educational programs;
2. Organization of training practices at SPMU test sites, industrial practices for students of a number of specialties, the basis for which, due to the conduct of military operations in the Donetsk People’s Republic, temporarily impossible (first of all, geologists, oil drillers, explosive miners, etc.);
3. Long-term internships of scientific and pedagogical staff of DONNTU at the specialized departments of SPMU in order to familiarize with the modern material and technical base and mastering the methods of conducting classes with its use;
4. Conducting joint research of fundamental and applied nature, including DONNTU postgraduate students, on the laboratory base of SPMU;
5. Implementation of joint projects in the form of contractual subjects with industrial enterprises;
6. Implementation of joint youth (student) projects, organization of recreation of students and employees.

In order to implement the agreements reached, two groups of DONNTU postgraduate students, students of 1-2 Master’s degree years of studying, senior specialization programs and Bachelor’s degree programs took the “Science Philosophy” course at the Mining University in April. Bachelor’s students were selected based on the results of their academic achievements, taking into account achievements in research work. The first group consisted of 84 people (79 students and 5 accompanying scientific and pedagogical staff). The number of the second group was 53 persons (49 students and 4 accompanying staff). Total number of persons for training was 137 persons.

The costs of organizing and conducting the theoretical course, including accommodation, food and transportation from Rostov-on-Don to Saint Petersburg and back were taken over by the Mining University. Transfer between Donetsk and Rostov-on-Don was organized by the Russian Center. The mastering of the course resulted in the acquisition of the necessary professional competencies in the field of publication and research activities. The students got to know about modern trends in the development of the fuel and energy complex and modern technologies of the mining and oil and gas industries. The included training will result in students’ submitting a scientific review on an individual topic, which will be assisted by appointed consultants from among the leading professors of the Mining University.

Further steps in the implementation of the planned cooperation plan will contribute to deepening cooperation between the educational institutions and their successful development. Over the past two months, there were practical results of cooperation with other Russian universities. St. Petersburg Polytechnic University of Peter the Great organized access of our students and staff to the electronic information and educational environment. This library, educational and scientific fund and full-text

database of final qualification works can be used in distance courses on basic academic disciplines.

The proposal of Ufa State Oil Technical University for our students of specialties of oil and gas and geological profile to have production practices on the sites of partners of this university, as well as using the resources of the educational platform OILEDU is interesting for us. The management and staff of DONNTU are invited to participate in scientific and educational forums, exhibitions of modern equipment and technologies.

Development of international cooperation, real assistance from universities of the Russian Federation in strengthening material, technical and human capacity of Donetsk National Technical University will help eliminate the shortage of qualified technical specialists for the main industries of the Donetsk People's Republic, and will have the most favorable impact on the future of Donbass.

(The article is written by Dr. A. Ryazanov)

DONNTU's Students Take Course "Science Philosophy" at St. Petersburg Mining University

On April 4th 84 students and postgraduates of Donetsk National Technical University arrived at SPMU to have their short-time internship. All the visitors were girls as merely all men of the recruitment age had been mobilized and are at the front now.

The main goal of the visit was to raise competences at the expense of taking the theoretical course "Science Philosophy". The guests were planned to get acquainted with the infrastructure of Petersburg University, backgrounds of publication and research work, and modern tendencies in the fuel-and-power complex. There also were the plans to tell them about improvement in mining and gas-and-oil production, including modern



Photo: DONNTU's Site

special technologies to reduce their anthropogenic influence on the environment. They were also offered a wide social program, in particular a full excursion around the evening city and a visit to the Russian Museum.

The science and academic process started with giving the uniform of the Mining University to the guests. The girls from DONNTU told their hosts that it had been necessary to wear a uniform at the university when the Great Patriotic War was over. Then it was cancelled. There is a high probability for the tradition to be renewed at DONNTU. Besides, the Mining University uniforms were presented to the Donetsk students.

The Rector of SPMU Prof. V. Litvinenko greeted the delegation from Donetsk and called for maximal usage of the time: accumulating of new knowledge and getting additional competences, including studying of foreign languages. It is necessary not only to understand colleagues from other countries but also to give them relevant explanation of our attitude and get them acquainted with historic facts. “Our program is creation- oriented. Your participation in it will let you have a fresh look at the problems in science and university education from the point of view of modern challenges. It is very important as today we are to be more responsible as to the work we do at our work places and to pay more attention to its quality. Your task is to grow into true researchers and engineers who will rehabilitate Donbass in the nearest future. Our task is to help you do it. Being cohesive we will overcome all hardships and win”, the Rector emphasized.

He also told the audience that both universities cooperation will not be limited by academic mobility growth. The Mining University will lend its every possible assistance in rehabilitation of the infrastructure and laboratory and equipment base of DONNTU and creation of the education environment to train scientific and engineering elite there.

DONNTU’s Rector Prof. Anoprienko took part in the meeting online. He reminded the audience that the Technical University of Donetsk had been established in 1921 in the image of St. Petersburg Mining University with its staff being directly involved in the process. The main task for that young university then was to train professional engineers to revive the region destroyed by the Civil War. They were in great demand, first of all, to rehabilitate and build new mines, metallurgical and manufacturing plants, railways, and implementation of the GOELRO plan.

“There is after-war rehabilitation ahead again. We will have to raise the region and make it maximum useful for the huge Russia. It is symbolic that St. Petersburg Mining University is taking part in it as it was a hundred years ago. There is no doubt that the new stage of our universities’ cooperation will be favourable for the future of Donetsk and Dobass as a whole”, Prof. Anoprienko pointed out.

SPMU is ready to host another group of DONNTU’s students and postgraduates. All representatives of the DPR taking the course of the competence international program “Science Philosophy” will get their certificates when it is over. The documents will be their competition privilege and of great help during their employment.

St. Petersburg Mining University Widens its Cooperation Program with DONNTU

The second group of 53 students and postgraduates from DONNTU arrived at St. Petersburg Mining University to have a week internship on April 18th. The guests of the oldest polytechnic university of Russia were only girls again as merely all men of the recruitment age, both students and academics, had been mobilized to the front.



Photo: DONNTU's Site

The main difference of their staying was the visit to the museum “Break of Blockade of Leningrad” in Kirovsk where the first delegation of the Donbass young people had not gone. It is the landmark place for all the inhabitants of the Northern Capital. The Nevski Spot, the most important foothold on the Neva left bank is within several

kilometers. The Soviet troops repeatedly tried to attack and lift the blockade of the city from this spot during the Great Patriotic War. The parallels with the realities of the DPR and LPR are obvious here.

Otherwise, the internship plan was identical to the previous one. Its idea was in the combination of the social program and taking of the theoretical course “Science Philosophy”. The Donetsk students got acquainted with the infrastructure of the Petersburg University, its main publication and research activity, modern tendencies in mineral resource complex and were also told about advanced mining and oil-and gas production including modern technologies to minimize the negative affect of the plants on the nature.

The Vice-Rector of St. Petersburg Mining University Prof. M. Rudakov noted the cooperation of both universities was aimed at long-term vision. The course the Donetsk students and postgraduates were to take was aimed at getting additional professional competencies.

The Rector of the oldest University of Donbass Prof. A. Anoprienko greeted the course participants online and emphasized that the first group of students and postgraduates had been impressed by the visit to the city on the Neva River. “We are grateful to our friends from Petersburg for the offered help. Today we need it very much. The support in the most difficult period is the most valuable one”, he said.

Before the event the Rector of the Mining University Prof. V. Litvinenko had proposed the particular Russian Universities to supervise the universities of Donbass. He put forward this idea at the field session of the Committee of the Federation Council of the RF on science, education, and culture which took place at Petersburg University in early April.



Photo: E.Alexeeva

DONNTU Signs New Cooperation Agreement with St. Petersburg University Named After Peter the Great

Prof. N.Vatin from St. Petersburg Polytechnic University named after Peter the Great paid a visit to Donetsk National Technical University on April 12th. He exchanged the cooperation agreement copy which had been signed before by the Rectors of both educational institutions.

The Rector of St. Petersburg Polytechnic University named after Peter the Great, the

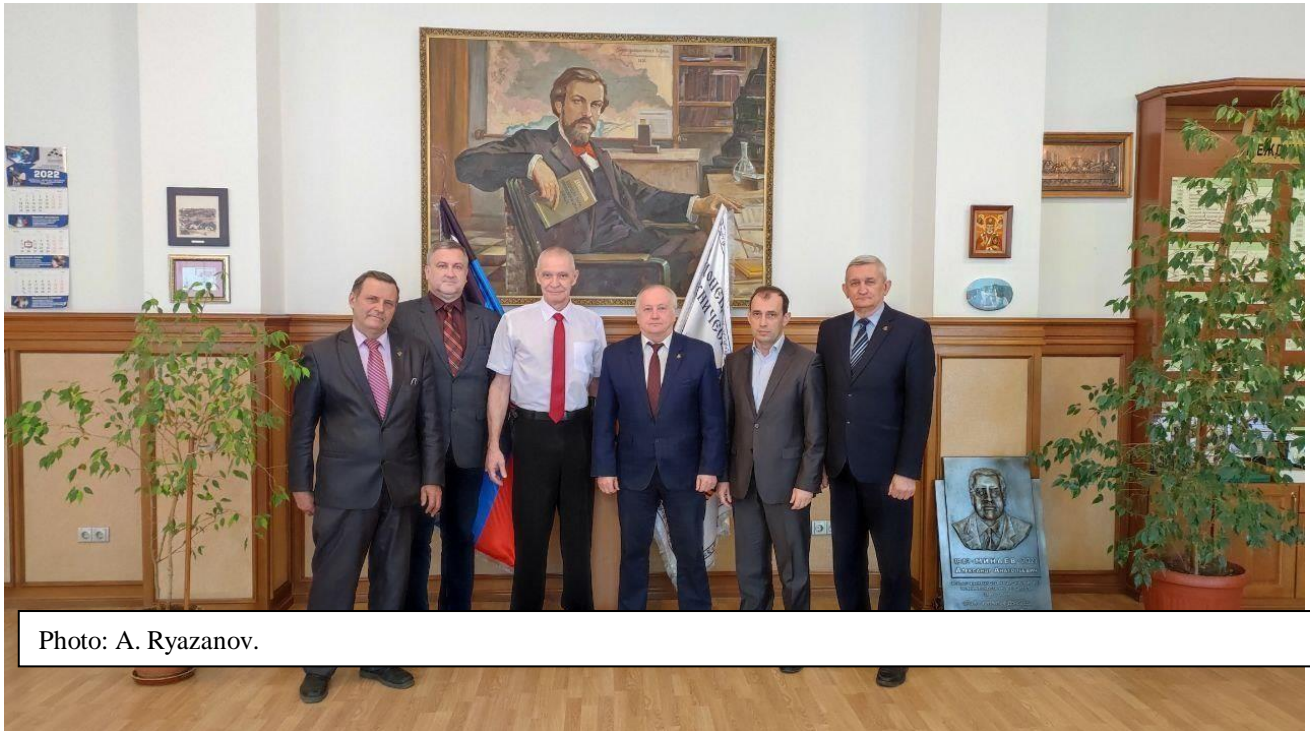


Photo: A. Ryazanov.

academician of the Russian Academy of Science Prof. A. Rudskoi was among the first university rectors from the Russian Federation to support people of Donbass and DONNTU in particular. “I would like to express our profound support to the brotherly people of Donbass on behalf of our staff and students. At this difficult period of time we are ready to offer our maximum assistance to create all necessary conditions to support our colleagues and friends – the students and the staff of Donetsk National Technical University”.

DONNTU’s staff and students have already got the access to the information and education environment of StPbPU and online courses on basic academic disciplines developed at the partner-university. It was done in the frameworks of the agreement.

These are sure only the first steps in the development of mutually beneficial links between the universities.

Participation of DONNTU Teachers in First International Scientific and Practical Conference “Personnel Management: Realities of Present and Possibilities of Future”

On April 20, Donetsk National Technical University hosted the 1st International Scientific and Practical Conference «Personnel Management: Realities of the Present and Possibilities of the Future». Organizers were Department of Business and Personnel Management DONNTU and Department of Personnel Management of Donetsk Higher Arms Command School.

The Rector of DONNTU A. Anoprienko emphasized the relevance of the conference theme in his welcoming speech. The issues of labour management at the macroeconomic level, in the branches of the national economy and in modern organizations were discussed; the economic, legal and socio-psychological problems of managerial activities in the



Photo: DONNTU's Site

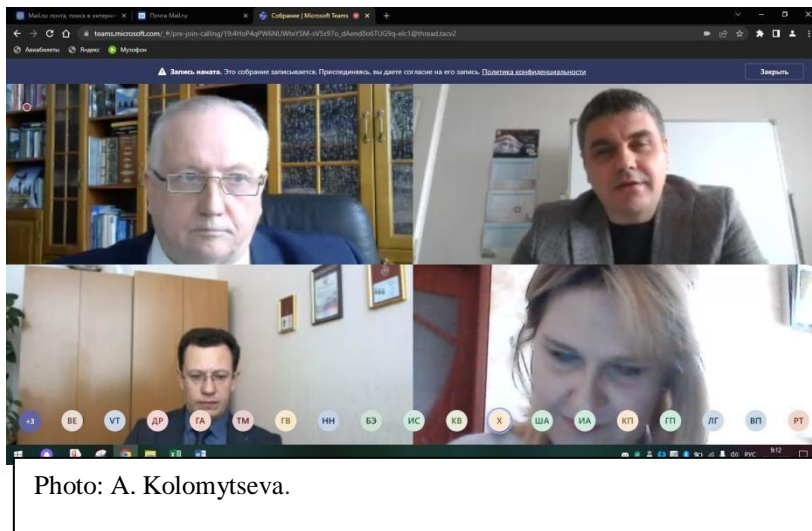
military sphere were touched upon. The conference was attended by 33 educational organizations of the Russian Federation, five organizations of Belarus, two Uzbekistan, as well as colleagues from the LNR and the DPR. A total of 172 participants had been registered.

DONNTU Holds III International Conference “TOOLS FOR PROJECT MANAGEMENT AND DATA ANALYSIS IN DECISION SUPPORT SYSTEMS”

On April 29-30, 2022 “Donetsk National Technical University” hosted III International Conference «Tools of Project Management and Data Analysis in Decision Support Systems». The conference was attended by educational organizations of the Russian Federation (Higher Industrial Management School of Saint Petersburg, Peter the Great Polytechnic University, Southern Federal University, Admiral S.O. Makarov State University of the Sea and River Fleet, Ural Federal University named after the first President of Russia B.N. Yeltsin, and Tyumen Industrial University”).

At the beginning of the conference, the Rector of Donetsk National Technical University, Prof. A. Anoprienko, addressed the participants with a welcoming speech. Dmitry Garanin, Associate Professor of the Higher School of Industrial Management of Saint Petersburg, Polytechnic University named after Peter the Great, Anna Kolomytseva, the Head of the Department of Economic Cybernetics, the Associate Professor of DONNTU Konstantin Labinskiy, the Head of the Research Board of DONNTU, Professor Vasily Kalachev from Southern Federal University also greeted the participants.

The following reports were made in the frameworks of the plenary meeting:



1. Timokhin V.N. Professor of the Department of Economic Cybernetics “Interdisciplinary Humanitarian Research in the IT Sphere on the Example of Internet Journalism”; Ilya Nikolayevich Obabkov – the Director of the Institute of Radio-Electronic and Information Technologies

of the Russian Federation Ural Federal University named after the first President of Russia B.N. Yeltsin, Ph.D. of the Department of Intellectual Information Technologies “Technologies of Project Training in UrFU: from Plans to Results”;

2. Elvira Nikolayevna Bragina (Tyumen Industrial University) “Lean-Technologies in State Strategy”;
3. Tarasiev A.A. the Associate Professor, the Head of the Department of Systems Analysis and Decision Making “Mathematical Modeling of Professional Mobility in the Context of Digital Transition”;
4. Dementyev Felix Stanislavovich (UrFU), Institute of Economics and Management. “Application of Functional and Cost Analysis for Project Evaluation”;
5. Efimenko S.V., Smetankin A.I., Garanin D.A., Chernoroutsky I.G. (SPbPU) “Study of the Dynamics of Equilibrium Points in Conditions of System Instability”;
6. Timai Y.V., Kolesnichenko S.V., Arutyunyan M.A., Mustakayeva E.A. (SPb GUMRF) “About the Algorithm of Formation of the Control Signal in the Neurodynamic System”.

There was also a discussion of the results of the project activity of undergraduates of the network educational program «IT Innovation in Business» Kirichenko T.P., Gontareva P.P. (DONNTU) «Development of a Non-commercial Web-resource for Career-oriented Activities», Brukalyuk E.A., Shepilo A.A., Kubacheva D.V. (DONNTU) “Online Questioning as an Effective Tool of Vocational Research ». Conference participants gained valuable experience in public presentation and testing of the results of their scientific research, skills of scientific search, analysis and systematization of knowledge and experience, managed to join the scientific family of DONNTU, thus continue its tradition of training highly qualified professionals and researchers.

DONNTU's Representatives Get Rewards of NS "Integration" in Moscow

The academics from the Department of Business and Personnel Management of the Engineering and Economic Faculty got rewards from the National System of Development of Scientific, Creative and Innovation Activities of Youth of Russia "Innovation" (Moscow) on April 29th. The ceremony took place at the meeting of the Academic Board and summed up the results of the I International Scientific and Practical Conference "Personnel Management: the Present Realities and the Future Possibilities".

The Rector of DONNTU Prof. A. Anoprienko, the Dean of the Engineering and Economic Faculty Dr. A. Kravchenko, Dr. A. Kulik, and the Assistant Professor V. Gemmerling got the letters of appreciation.

The Head of the Department of BPM Dr. I. Kondaurova was awarded the medal "For Creative Contribution into Science, Education, and Culture of Russia".



Photo: DONNTU's Site

Dr. T. Kovalenko and Dr. O. Savelyeva got the Decorations "For Successful Students' Research".

The second year student of Master's program "Personnel Management" E. Chekh got the medal "For the Best Students' Research Work".

Dr. I. Kondaurova, Dr. I. Kochura, Dr O. Savelyeva and Senior Teacher O. Shtager got the diplomas for active participation in the Conference.

DONNTU's Professor Takes Part in 30th Jubilee International and Scientific Forum "Moiseev's Reading"

The Capital of Russia hosted the 30th Jubilee International Scientific Forum "Moiseev's Reading" on March 24-25th. It covered the issues of education in the



MSU named after M. Lomonosov. Meeting of Prof. Marenich with leaders and activists of the Faculty of Global Processes. Photo: FGP.

context of forming of the Russian cultural and historic identity. The event is annual and organized by the Russian Academy of Science to discuss the most important aspects of sustainable development of Russia under the current global challenges. The issue is more topical than ever in the light of the confrontation of the civilizations of the collective West and the Russian world the worsening of which started in the war conflict of 2014 inspired by the puppet Kiev regime against the

people's Republics of Donbass and further on.

That is why the participation of scientists, professionals, students, and postgraduates of DPR's universities in the events is so active.

Studying of anxious tendencies in the sphere of education being a consequence of numerous and unreasonable tests, and, in number of cases, blind compliances with recommendations given by western partners is one of the agenda problems of the "Moiseev's Reading". As a result of it the Commission of the Russian Academy of Science on studying the scientific inheritance of outstanding scientists notes the negative influence of "refusal from the best practice of national (and first of all, Soviet) education, blind imitation of western standards, extreme administration, overloading of teachers' work to the detriment of research and bringing-up process' in its program and final documents of the forums of "Moiseev's Reading".

The dominant problematic issue of the 30th "Moiseev's Reading" was the analysis of the idea of education in Russia: whether to form consumers with hedonistic aim and life goal and getting only pleasure from it or their fate creators having deserved success in their lives.

The Head of the Department of Mining Electrical Engineering and Automation named after R. Leibov Prof. K. Marenich made his presentation "Forming of Consumer Goal Set as a Tool to Suppress the Russian Cultural and Historic Identity" at the plenary meeting. He made a conclusion that the consumer goal set is alien to the nature of the Russian civilization, and artificial implanting of the set is the tool to suppress the Russian cultural and historic identity. The participants fully supported the thesis. The reports "Education in Value Priorities of the Renovating Russian State (Prof. Baburin from the Centre of Integration Research of Civilizations of the Institute of State and Law), "Prospects of Russian Education in the Context of "New Homeostasis of N. Moiseev (Prof. Barkova from Russian Economic University named after G. Plekhanov), "The earth Planet Needs Eco-Catharsis" (Prof. Petrosyan from MSU named after M. Lomonosov) aroused interest. The research conclusions and participants' recommendations were included into the Forum final document which is topical for practical application.

Prof. Marenich also had a meeting with the administration and activists of the Faculty of Global Processes of Moscow State University named after M. Lomonosov. He told the audience about the operation of DONNTU in 2014- 2022, about problems and challenges which the students and the staff came across and still are going on doing it. The Dean of the Faculty of Global processes of DONNTU Prof. I. Ilyin expressed his support to the colleague from Donetsk. The students of this Faculty were the first to initiate the gathering of humanitarian assistance to help people of Donbass. To sum up the meeting Prof. Ilyin and Prof. Marenich agreed on the mutual cooperation and development of a scientific dialogue between the universities.

DONNTU Hosts International Conference “Topical Problems of Economics, Management and Law”

The Engineering and Economic faculty of DONNTU hosted the International Scientific and Practical Conference “Topical Problems of Economics, Management and Law” on April 18th.

Its goal was to exchange scientific and practical information, implement creative abilities, and popularize scientific activity in the field of raising efficiency in economics and management.

Undergraduates and Master’s students studying accounting, analysis, audit and law at companies of different forms of property took part in the event.

Their special attention was paid to scientific and technical progress, innovation and manufacturing optimization system.

The discussed issues covered topical problems of both Republican and international levels.

53 students and teachers from the DPR, the Russian Federation (Taganrog Institute of management and Economics and Krym Federal University named after V. Vernadski, Simpheropol), and the LPR (Lugansk State University named after V. Dal) had submitted their presentations.

The Conference e-proceedings will be published soon.

DONNTU Hosts International Scientific Conference “Man-Society-Culture as Subject of Philosophical Reflection”

DONNTU hosted the VIII International Scientific Conference “Man-Society-Culture as the Subject of Philosophical Reflection” on April 22nd. It covered the issues of philosophical and scientific understanding of the man problem in the context of historical changes in his social and cultural being.

The event had been initiated by DONNU, Donetsk National University of Economics and Trade named after M. Tugan-Baranovski, Voronezh State University (the RF), and Belgorod State institute of Arts and Culture (the RF).

The Donetsk People’s Republic was represented by DONNTU, Donetsk National University of Economics and Trade named after M. Tugan-Baranovski, Donetsk National University, Donetsk Academy of Management and Government Service under the head of the DPR, Gorlovka Institute of Foreign Languages, and the Academy of the Ministry of Home Affairs named after F. Dzerzhynski.

There were 39 participants (6 Russian ones) at the Conference. All of them got the proceedings.

DONTU’s Department of Physics Is Organizer and Participant of University Online Students’ Conference “Lomonosov’s Reading; History and Modern Physics” ISOF-2022

On April 23, the Physics Department of DONNTU held a university online students’ conference «Lomonosov’s Reading; History and Modern Physics» (ISOF-2022),

dedicated to the founders of domestic cosmonautics. The Organizing Committee (Chairman – the Head of the Department of Physics A.F. Volkov) had received applications from 74 participants from universities of Donetsk, Makeyevka, Lugansk, and Minsk. Reports were presented by Donetsk National Technical University (31), the Academy of Civil Defense of the DPR MES (5), the Technical Lyceum of Donetsk (5), Donetsk Industrial and Energy College (1), Lugansk State University named after V. Dal, the LPR (15), Donbas National Academy of Construction and Architecture and the Architectural-Building Lyceum of the Boarding School under it (12), and Belarus National Technical University (6).



Photo: DONNTU's Site

Theses of the works were included in the proceedings in the following directions: development of domestic cosmonautics and its founders - N.E. Zhukovsky, K.E. Tsiolkovsky, S.P. Korolev; scientific achievements of the past centuries; success of modern physics and forecasts for the future; the problems of hydrogen and alternative energy. The proceedings of 98 pages were sent to all conference participants and were brought to the Scientific and Technical Library of our university. It will be useful for students of colleges, lyceums and schools, all who are interested in physical problems of natural science and study not only modern aspects of the development of science, but also honor its historical ways of development.

The Organizing Committee of ISOF-2022 believes that the goal of the conference - intensification of educational and cognitive activity, realization of creative abilities, identification and support of gifted students - was achieved.

Total Dictation

Total Dictation is an annual literacy test for everyone, regardless of age, nationality, educational level and social status. It shows that being literate is important for everyone; that it is not easy to study Russian, but exciting and useful; it unites all who can or want to write and speak Russian. Unique dictation texts are created by well-known writers. The text of the Total Dictation is more complicated than a standard school dictation - it is a literary work, a cut of the modern Russian literary language with all its complexities, richness of constructions and variants.

On April 9 the participants of the dictation wrote a text created by Marina Stepnova, a famous Russian writer. Hundreds of universities, schools, libraries, as well as the Marble Palace in Saint Petersburg, the Vladivostok Fortress and even the forest in Tambov became the sites of the Total Dictation. The total number of those who wrote it this year is 780,500.

Elena Alekseeva, the Head of the Department of Doctoral and Postgraduate Studies of Donetsk National Technical University, has taken part in the dictation for the sixth



Photo: DONNTU's Site

time. She managed to visit the Presidential Lyceum «Sirius» (Sochi) and write dictation in person. These are her impressions from this event:

– Adults and schoolchildren came to test their knowledge of the Russian language - native to us all. First there was an introductory word from the organizers of the dictation, and then everyone was reminded of one of the rules of spelling, the knowledge of which was tested in this text. The text of the dictation was read by its author, and then the announcer - a professional philologist. I got the highest mark, the certificate of the excellent student, which I have received for the fourth time in a row, the prizes from the organizers - books. And, of course, the emotions from visiting «Sirius» - a magnificent new educational institution in the warmest place of Russia, on the coast of the Black Sea.

All conditions for schoolchildren's studies and creativity have been created at the Lyceum. There are theatrical and dance halls, a great swimming pool and sports grounds. I saw bright and comfortable classrooms, recreation areas in the corridor. I got acquainted with the menu in the school canteen. In this institution you want to teach and learn something new and share knowledge with friends and colleagues. Study and science in the lyceum is the norm for children. And you want such institutions in every city, and especially - in our Donetsk!

Representatives of DONNTU - Students of Advanced

Training Courses for Teachers of History from the LDPR Universities in SFU

On April 28 classes as part of the program of additional vocational education for 50 teachers of the history of universities of the LDPR began on the basis of the Southern Federal University, The training was organized by the Russian Academy of Education, the Ministry of Science and Higher Education of the Russian Federation, Southern Federal University and the Russian Historical Society. Associate Professor of the Department of History and Law of DONNTU L. Roshchina, as well as the Head of the Department of Social Sciences (ARI DONNTU), Associate Professor M. Shipovich were invited to undergo advanced training at Southern Federal University (Rostov-on Don).

The Deputy Head of the Ministry of Education and Science of Russia Elena Druzhinina spoke at the plenary session, which opened the course. “The strongest team of specialists worked on the course, due to which it was possible to prepare it very quickly and efficiently, and what is most important - for the requests of the higher educational institutions of the DPR and the LPR”, said Elena Druzhinina.

The President of the Russian Academy of Education Olga Vasilyeva greeted the participants online. “In the changing world, our students and schoolchildren should receive the most reliable knowledge of the entire humanitarian cycle, especially

history, as the quality training of historians today is very relevant, because it is history that shapes the citizen's attitude to the society, to its past and guarantees continuity of generations", stressed Olga Vasilyeva.

In his turn, **Konstantin Mogilevsky, the Chairman of the Board of the Russian Historical Society, Executive Director of the Foundation "The History of the Fatherland"**, noted that it is important for

teachers of the universities of the LPR and the DPR and for students to master the same modern teaching methods and scientific results which are possessed by their Russian colleagues.

The Rector of Southern Federal University Inna Shevchenko said that the process of forming a full-fledged scientific and educational space in the territories that had always been related, had common history, traditions and culture with Russia began with the courses of advanced training of teachers of history. «All our efforts will be directed to the preservation of historical memory - this is an extremely important task in the new realities» Inna Shevchenko stressed.

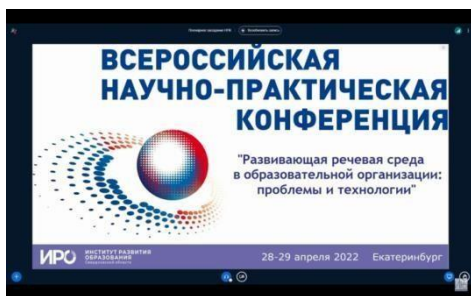
The Minister of Education and Science of the Donetsk People's Republic Mikhail Kushakov called the opening of additional education courses an important historical step. "It is impossible to build quality education without knowledge of history, and therefore, it is impossible to go into the future. Awareness of our historical identity is important not only for us, but also for Russia», he said. The online training of teachers of the history of the LDRP universities took place on a full-time basis for two days was completed on May 20 with a solemn presentation of certificates of advanced training at the Russian Academy of Education and Southern Federal University.

Also, during their stay in Rostov-on-Don, DONNTU representatives had an excursion to the Rostov Regional Museum of Local History in Rostov-on-Don. It is the largest such institution in the south of the Russian Federation, which represents cultural property, natural resources, history of the Rostov region. The most popular is the exhibition in the hall «Treasures of the Don Kurgans». It presents 2,000 items made of precious metals. They also visited the hall dedicated to the Great Patriotic War and the liberation of the region from German-fascist invaders. Our teachers gained invaluable experience and new knowledge shared with them by the Russian colleagues.



Photo: DONNTU's Site

**Employees of Department Engineering Pedagogics and Linguistics of DONNTU
Take Part in All-Russian Scientific and Practical Conference "Developing Speech
Environment in Educational Institution: Problems and Technologies" and
Receive Certificates of Participants**



Photo” Ekaterina Solovyeva

On April 28th employees of the Department Engineering Pedagogics and Linguistics of Donetsk National Technical University participated in the All-Russian Scientific and Practical Conference «Developing Speech Environment in the Educational Institution as listeners.

The conference was held online on the basis of the Institute of Education Development (Yekaterinburg). Lidia Kukushkina, Ekaterina Solovyeva, Svetlana Pechnikova and Anna Barvinok were among the participants. The opening of the conference was held by Svetlana Trusikhina, the Rector of one of the universities from Ekaterinburg. More than 40 speakers presented their reports on various topics in the direction of each breakup group. In addition, thematic workshops and creative laboratories were presented to our attention.

Some speakers made video presentations which clearly show the advantages of holding not only conferences, but also online classes. The employees of the Department Engineering Pedagogics and Linguistics considered the obtained information very useful for further application in practice.

DONNTU Teacher Is Participant at International Conference in Stavropol

The Associate Professor of the Department of Software Engineering named after L.P. Feldman of DONNTU Alina Bodnar was invited to take part in the VI Business School “Digital Economy, Management and Finance: Development of Professional Skills of the Modern Manager” on 14.04. - 22.04.22. The conference was held in Stavropol (the Russian Federation).

The conference was attended by professors of various universities of Russia, PhDs, and experts in the field of economics from other countries and teachers of the Institute of Economics and Management.

The conference raised questions regarding the prospects not only of economic development, but also of economic education in Russia. In addition, the topic of concern to many



Photo: Alina Bodnar

was touched upon - sanction restrictions imposed on Russia. The Rector of the North Caucasus Federal University Dmitry Bepalov delivered a welcoming speech at the opening of the Business School “Digital Economy, Management and Finance: Development of Professional Skills of a Modern Manager” and wished the winter school participants fruitful work.

The following training was conducted: trading in the secondary market of shares of the Moscow Stock Exchange through the Internet trading system Quik. Andrey Vernikov conducted the business game «Stock Trading». A tour about the university was organized for teachers and students. The participants visited the subject rooms of the university, as well as the library, where a collection of rare books is kept.

Access of DONNTU to ELS of StPbPU

The Scientific and Technical Library informs that within the program of cooperation with Saint Petersburg Polytechnic University of Peter the Great our University has access to the electronic library system of SPbPU. The access is possible only for authorized users of DONNTU's library. Please follow the link for authorization <https://elib.spbstu.ru/>

Fill in the user authorization page:

- In the tab “Entrance for other users” select the organization “Donetsk National Technical University”,
- Username (login) (STL DONNTU reader's ticket number),
- Password (last name of STL reader of DONNTU).

After that, a personal account will be opened and ELS services of SPbPU will be available.

Access of DONNTU's Staff and Students to Virtual Reading Room of Russian State Library

DONNTU has access to the Virtual Reading Room of the Russian State Library (external link), which contains more than 1 million full texts of dissertations, abstracts, 350 thousand digitized books. The collections of scientific and educational literature, dissertations and abstracts, notes and maps, manuscripts and periodicals, old printed books and visual materials are available.

The RSL is a unique repository of original dissertations defended in the country since 1944 in all specialties except for medicine and pharmacy. On the basis of this fund the Electronic Library of dissertations of the RSL was formed. It contains both the theses and the abstracts to them. Since 2007 the DEL of the RSL has been added by all the dissertations. The collection of available publications is regularly updated with new digital copies.

Registration and access to the VRR of the RSL is provided only in the Scientific and Technical Library. Please, address the Director of the STL Ms. Irina Yurievna Kolyupanova by calling 071-301-98-46.

According to Appeal of Head of DPR Mr. Pushilin Launch of Missile “Soyuz-2.1a” to Be Dedicated to Donbass



Photo: DONNTU's Site

Yesterday Roskosmos received an appeal from the Head of the DPR. Denis Pushilin asked Dmitry Rogozin to dedicate one of the nearest launches to the struggle of the DPR for peace, freedom and security.

The Head of the DPR believes that this project

will raise the morale of the inhabitants of the Republic, as well as will be a serious inspiring

factor in the work on the liberation and post-war restoration of the territories of the Donbass.

Dmitry Rogozin responded positively to the letter. He decided to dedicate the launch of the missile “Soyuz-2.1a” with the ship “Progress MS-20” not only to the Donetsk, but also the Lugansk People’s Republic. For this purpose, the second stage of the missile will be inscribed with the inscription “Donbass” and on the head fairing - the flags of the DPR, the LPR and the image of the brave Ukrainian grandmother, who with the flag of the USSR refused to accept products from the military FU. The heroic act of the elderly woman inspired many artists and masters.

DONNTU Students - Participants of International Relay of Festivals-Actions “Together We Build Peace”

International youth relay of festivals-actions of united arts in creativity of children and youth “TOGETHER WE BUILD PEACE” took place on April 15. It is dedicated to the celebration of the International Day of Culture, in support of the international youth peacemaking movement. The purpose of the event is the formation of young people’s idea of Peace and Culture as the highest values of humanity.

In the process of preparing and conducting the joint action, the following objectives were set:

-To acquaint students with the history of the Banner of Peace and the comprehensive symbol - the Sign of the Trinity;

- To raise awareness of the need for unity and cooperation in order to preserve peace on Earth through collective creative work;
- To raise awareness of the need to protect the cultural values of mankind for the present and the future;
- To promote the involvement of young people in active participation in youth peacekeeping cultural projects at the national and international levels.

The students of Donetsk National Technical University provided their drawings on one of the given themes «Under the Banner of Peace in the Beautiful Future», «Where is Culture, there is Peace», «Our Land is a Territory of Peace». These are Viktoria Chernetsova, Ekaterina Koshuba, Anastasia Ostapenko, Nadezhda Elina, and Darya Strokan. All the participants received certificates.



Photo: DONNTU's Site

DONNTU's Student Ranks 2nd in Kalmykia Republic Rhythmic Gymnastics Championship



Photo: DONNTU's Site

On April 10-14, Elista held the championship of the Republic of Kalmykia in rhythmic gymnastics for the prizes of the Olympic champion Alina Makarenko. The championship was attended by 24 regions of Russia and more than 500 athletes. Second-year student of the Faculty of Intellectual Systems and Programming of Donetsk National Technical University Irina Abakumova took part in the competition; she ranked 2nd in the program

of masters of sports.

DONNTU Students Take Part in VII Astrakhan State University Scientific Projects Festival

Within the framework of integration processes in the scientific and educational space of the Russian Federation, in order to popularize science among young people, On April 20, students of Donetsk National Technical University took part in the VII Festival of scientific projects at Astrakhan State University as students. The event was held at a remote site. As part of the competition of media products of the scientific platform “We# In Science: our Priorities”, the staff of Astrakhan State University prepared a creative presentation of its university, its scientific activities, history and achievements.



Photo: DONNTU's Site

Participants of the festival got acquainted with students' scientific and innovative projects devoted to the topics of strategic projects of ASU within the program “Priority 2030”. These are “Marine Robot”, “Digital Platform of the Transport Corridor «North – South”, “Comprehensive Security of the Caspian Macro-region”, “Improvement of Environmental Safety and Preservation of Natural Systems of the Caspian Macro-region”, “Caspian Incubator of Agro- and Biotechnology”.

The Newsletter was prepared by the International Office of DONNTU (including materials of the newspaper «Donetsk Polytechnic»). For questions of the materials placed in the Newsletter, please contact: 1st Building of the Donetsk National Technical University, room 220; tel.: 08 - 25;

URL: <https://donntu.ru/international-cooperation> E-mail: ovs@donntu.ru