



**DonNTU was among the Top Five Nominees for the Industrial Award
“Robotics Commercial” in the Russian Federation**



Photo: DonNTU's Site

On September 5th, a meeting of the Academic Council of Donetsk National Technical University was held, where Alexander Yakovlevich Anoprienko, the Rector, performed a ceremony to present a diploma for a nominee in the Industrial Award “Robotics Commercial” to Pavel Ivanovich Rozkaryaka, the finalist and the Head of Department of Electric Drive and Automation of Industrial Installations at DonNTU.

On July 9th, the INNOPROM International Manufacturing Exhibition hosted the presentation of the Industrial Award “Robotics Commercial”, which was attended by 67 organizations from Moscow,

St. Petersburg, Yekaterinburg, Perm, Chelybinsk, Nizhny Novgorod, Donetsk, Rostov-on-Don and 10 other Russian cities. It was founded by the Minpromtorg of Russia together with the Center for the Development of Industrial Robotics at Innopolis University. The award is presented annually for achievements in the field of industrial robotics, including the development, production and implementation of robotic system, technologies, and solutions that enhance the competitiveness of Russian industry and contribute to achieving the goals of the federal project “Development of Industrial Robotics and Production Automation” within the framework of the national project “Means of Production and Automation”.

The jury, which included experts from the Ministry of Industry and Trade of Russia, the Ural Robotics Center “Alpha-Intex”, the National Association of Robotics Market Participants, and other industry professionals, determined the winners. Based on the results of the expert evaluation, a list of nominees for the award was formed from among the participants whose applications scored the highest number of points in the nominations “The Best Integrator of Industrial Robots”, “The Best Educational Project in Robotics”, “Educator of the Year”, and “Innovation of the Year in Russian Robotics”.

The nominees in the category “The Best Educational Project in Robotics” are:

- Institute of Professional Education Development;
- Don State Technical University;
- Donetsk National Technical University;
- Corporate University REDUNIVERSITY LLC “Technored”;
- The project “Volt Brothers” at MSU Research Institute of Mechanics.

In the application for the educational program in that nomination, the jury evaluated the following indicators: the availability of modules and programs in key area of training (artificial intelligence, robotics and mechatronics); the availability of laboratories, internships, real cases; the number of companies involved in personnel training; the use of practice-oriented training methods. In addition, curricula of the program, photos and video of the university laboratories were provided for the analysis of experts.

The winner in the nomination “The Best Educational Project in Robotics” was the Institute of Professional Education Development. Its projects included “Professionalism”, the movement “Abilympics”, the All-Russian championship movement “Professionals” aimed at training personnel for key sectors of the economy.

The application from Donetsk National Technical University was included in the top five educational projects in robotics in the Russian Federation that year (the official confirmation was received by the University on September 1st).

Pavel Ivanovich Rozkaryaka, the finalist, told about his project and plans for the future:

– By participating in that project, we wanted to state that robotics and mechatronics were successfully developing at DonNTU, as well as shared our experience in implementing an educational case. Robotics is a field where theoretical knowledge can be immediately tested in practice, and the results are reflected in ready-made solutions – mechatronic robotics modules created by students. Our main task is to popularize engineering education and attract young people to study technical sciences. In the near future we plan to find new industrial partners, new places for internships, and practice for students in order to improve the quality of personnel training. Recently, we started full-time education, which made it possible to see the real interest of the students in robotics, to direct their creative ideas of working in modern laboratories in a constructive direction. We will continue to actively work on organizing educational intensive courses for schoolchildren based on university laboratories, improving the material and technical base, opening a specialized youth laboratory, expanding the geography of DonNTU students' participation in various exhibitions, forums and scientific and technical conferences, and implementing real polytechnic projects in production by industrial partners. We are confident that our plans will be implemented soon, including with the help of the organizers of this award.

Achievements of the DonNTU's Student Team “Kuvalda” in the Labor Semester at “KAMAZ” PTC

The members of the student production team “Kuvalda”, consisting of 18 persons from Donetsk National Technical University and its branch of the Automobile and Road Institute (Gorlovka), completed their work semester at “KAMAZ” PTC (Naberezhnye Chelny) and returned to DonNTU for the beginning of the academic year. This summer 20 student teams from all over Russia worked at the enterprises of “KAMAZ” PTC.

The achievements of polytechnics based on the results of the labor semester:

- the DonNTU's student team took the III place in the nomination “The Best Squad”;
- Alexander Strelnik (FIMP student) became the winner in the nomination “The Best Commander of the All-Russian Student Production Team KAMAZ”;
- some DonNTU's students were awarded diplomas as the best members.

The student award ceremony took place on September 5th at a meeting of the DonNTU Academic Council, which was conducted by Alexander Yakovlevich Anoprienko, the Rector.



Photo: DonNTU's Site

Mechanical Engineering and the Technosphere of the XXI Century



Photo: DonNTU's Site

The XXXII International Scientific and Technical Conference “Mechanical Engineering and the Technosphere of the XXI Century” was held in Sevastopol on September 15-21st. The organizer of the conference has traditionally been Donetsk National Technical University since 1993. The Chairman of the Organizing Committee was Alexander Nikolaevich Mikhailov, the Head of the Department of Mechanical Engineering Technology, Professor, Doctor of Technical Science. The purpose of the event was to consolidate scientists, specialists and managers of industrial enterprises to facilitate the process of further development of mechanical engineering and the technosphere in a changing global economy, exchange scientific and technical information, identify promising ways to create and develop new equipment and technologies, improve international cooperation, establish business contacts and commercial ties.

The conference was attended by representatives of leading educational institutions of Great Russia, Lugansk and Donetsk People's Republics, as well as Kazakhstan.

The event included a plenary session at which Alexander Yakovlevich Anoprienko, the DonNTU's Rector, made a presentation on Russia's technological leadership and the work of sections in various area of mechanical engineering, where scientists and teachers shared not only scientific developments, but also examples of their implements in production, and there was a fruitful exchange of views on industry issues.

Based on the results of the presented reports, recommendations have been developed, which all interested enterprises will be informed about. The participants also discussed issues of cooperation with leading industrial organizations to introduce scientific developments into production. A collection of materials and several issues of international scientific papers “Progressive Technologies and Systems of Mechanical Engineering” will be published as a result of the conference.

DonNTU's Vice-Rector is a Participant of the Workshop “Key Vectors and Tasks for 2025-2026” in Moscow



Photo: DonNTU's Site

On August 21-23rd the Ministry of Science and Higher Education of the Russian Federation held a working meeting with vice-rectors of educational institutions of university degree on the basis of the National Center “Russia” (Moscow). The theme of the event was devoted to key vectors and tasks for the 2025-2026 academic year, and brought together over 600 participants from among the vice-rectors and staff responsible for youth policy and educational activities in Russian universities. Donetsk National Technical University was presented by Andrey Nikolaevich Ryazanov, the Vice-Rector.

“Together we create conditions for self-realization, educate citizens with an active civic position and a stable worldview. When graduates leave the university, they choose a certain trajectory of development. And within the framework of their planned professional path, they should be ready to solve

the tasks set by the President. These are our national goals – to develop the potential of each person, their talents, and nurture a patriotic and socially responsible personality” said Olga Viktorovna Petrova, the Deputy Minister of Science and Higher Education of Russia, at the opening of the meeting.

Over the course of three days the participants together with speakers representing the Presidential Administration of the Russian Federation, the Ministry of Education and Science of the Russian Federation, the Federal Agency for Youth Affairs, and All-Russian public organizations, discussed the main areas of educational work at universities for the coming year: patriotic education of students, support for student families, the development of volunteer practices, integrated security issues, and the creation of opportunities for comprehensive youth development.

During the breakout sessions the successes of DonNTU were noted: it became the first university from historical territories to win the All-Russian competition “Rosmolodezh. Grants” among educational institutions of university degree, and also entered the “Top 10” universities in Russia in terms of the activity of events dedicated to the Defender of the Motherland Year. Keep up the good work, Donetsk polytechnics!

The meeting resulted in the formation of a unified approach to the key tasks for the 2025-2026 academic year and the strengthening of university cooperation in the implementation of youth policy.

Representatives of DonNTU are Participants of the Southern Innovation Forum-2025

The Southern Innovation Forum was held in Rostov-on-Don on September 11th. More than 250 participants from different regions of Southern Russia, including Rostov and Astrakhan regions, Adygea, Crimea, Sevastopol, Lugansk and Donetsk People’s Republics, Zaporizhia region, Stavropol and Krasnodar Territories, as well as representatives from Moscow and St. Petersburg, gathered to discuss the future of technology, present projects and find new partners.



Photo: DonNTU’s Site

On behalf of DonNTU, the Head of the Student Design Department, E. V. Alekseeva, a specialist in the Doctoral and Postgraduate Studies Department, E. N. Novik, as well as graduate students M. Tomil, I. Khomenko and I. Burkal, actively participated in the forum.

The forum was opened by the Minister of Economic Development of the Rostov Region, P. V. Pavlov, who emphasized the importance of such events for the development of the region’s ecosystem. He presented diplomas to experts and active participants of the grant competition of the Foundation for the promotion of innovation “Student Startup”, including E. V. Alekseeva. The guests of the forum were welcomed by the Head of the Department of Regional Development of the “Skolkovo” Foundation, the curator of the region E. A. Yastina, and representatives of the Foundation for the promotion of innovation.

The event included roundtables and discussions on the future of technological entrepreneurship, venture trends, and new opportunities for companies and young employers. Certificates of advanced training in the field of “Technology Project Tracker” were also presented, including to E. V. Alekseeva.

There were pitch sessions at the second forum: 23 startups, the finalists of the project “Innovation Hub of the Southern Russia” presented their developments to investors. Following the results of the pitches, two winners received special “fast-track” certificates for accelerated selection for residents of the “Skolkovo” Foundation.

At the same time, the “UMNIK” competition from the Foundation for the promotion of innovation was held at the third forum. DonNTU’s graduate student M. Tomilov successfully defended his project there in front of experts. That year, thanks to the activity of the Head of the SDD, E. V. Alekseeva, as well

as the consultations of Rostov colleagues from ANO “Cifropraktika”, Donetsk National Technical University submitted 50% of all applications from new regions of the Russian Federation to the competition of the Innovation Promotion Fund “UMNIK”.

We Invite You to Take Part in the Acceleration Program “2.10” of BSTU named after V. G. Shukhov



Photo: DonNTU's Site

The grand opening of the acceleration program “2.10” of Belgorod State Technical University named after V. G. Shukhov was on September 18th. On behalf of Donetsk National Technical University, Alexey Borisovich Biryukov, the Vice-rector, and Elena Vladimirovna Alekseeva, the Head of the Student Design Department, took part in the online format.

The ceremony was opened by Olga Victorovna Petrova, the Deputy Minister of Science and Higher Education of the Russian Federation. “Let the accelerator be productive, and

let the projects you create receive real support! Go ahead, do not be afraid! Everything will work out! Great thanks to the entire university team for developing such projects for our wonderful students!” said she.

Alexey Borisovich Biryukov emphasized in his speech that our university had participated for the first time in the accelerator of BSTU named after V. G. Shukhov last year. And the start was successful – two teams of students, led by mentors Elena Vladimirovna Alekseeva and Irina Sergeevna Kladchenko, effectively completed training programs at the accelerator and defended their projects before experts. And this year the participation in the accelerator has helped DonNTU's student, Semyon Miroshnichenko, become the winner of the “Student Startup” grant competition. We invite all students of Donetsk National Technical University to try their hand at this interesting online project, which will also be supervised by Elena Vladimirovna Alekseeva.

The program focuses on two key markets of the National Technology Initiative. TechNet – a market for advanced manufacturing technologies, it includes production automation, robotic systems, smart production lines, digital twins, and additive technologies. Foodnet – a market for new solutions in the food industry: innovative methods of food production, storage and delivery technologies, personalized nutrition, eco-friendly packaging solutions.

The program is aimed at developing student startups and provides participants with mentoring support from industry experts, access to the university's infrastructure, training in the basics of entrepreneurship, opportunities to attract investments, and assistance in preparing presentations and pitches.

Among the participants of the opening ceremony were also representatives of ANO “Platform NTI”, key industrial partners: “EFKO”, “BELENERGOMASH-BZEM”, “Severstal”, ABH “Miratorg” and State Corporation “Rosatom”, and rectors of the country's leading universities, including universities of Donbass. The project is being implemented with the support of the ANO “Platform of the National Technology Initiative” and the Ministry of Science and Higher Education.

DonNTU Student is a Winner of the Competition “Student Startup”

Semyon Miroshnichenko, a student of the Faculty of Computer Information Technology and Automation at Donetsk National Technical University, became a winner of the sixth stage of the competition “Student Startup”. He will receive a grant of one million rubles for the development of his innovative business project. In December 2024, Semyon successfully completed his initial training as a novice entrepreneur at the accelerator of technological projects of the Belgorod State Technological

University named after V. G. Shukhov. Grant support for startups is designed for 12 months, contracts with the winners of the competition will be concluded in September.

The competition is organized by the Innovation Promotion Foundation and is aimed at creating new goods, products, technologies and services using the results of scientific, technical and technological research that have the potential for commercialization and are at the earliest stage of development.

This year the competition received over 11.6 thousand applications, which is 1.5 times more than last year. 2500 of the best projects were selected from them, most of which were devoted to digital and biotechnology, creative industries. The selection took place in seven thematic areas corresponding to the priorities of scientific and technological development of Russia.

Semyon's idea was supported by the foundation's experts in the field of "04. Security of receiving, storing, transmitting and processing information". The victory in the competition was possible thanks to the activity of the student, who was supervised by Dmitry Nikolaevich Kuznetsov, the Head of the Department of Electronic Engineering at DonNTU, and Elena Vladimirovna Alekseeva, the Head of the Department of Design Work for University Students.

Valery Nikolaevich Falkov, the Head of the Russian Ministry of Education and Science, said that there were representatives of advanced engineering schools and employees of youth laboratories among the winners. The year participants were from 75 regions of the country, more than 320 universities and scientific organizations. The "Student Startup" competition has been implemented since 2022 and is a key instrument of state support for young entrepreneurs in Russia.

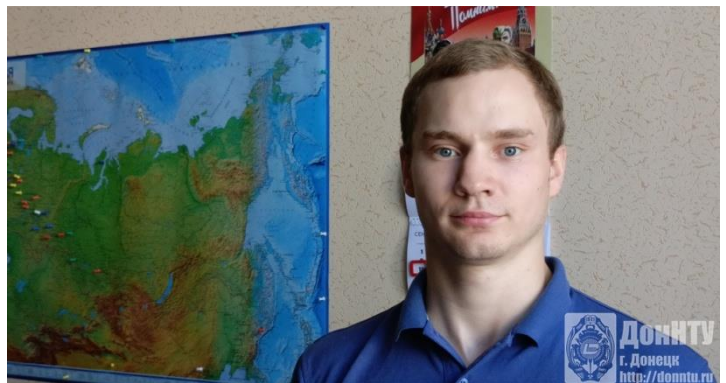


Photo: DonNTU's Site

DonNTU Students are Participants in the Large Project "Stud.putevka"

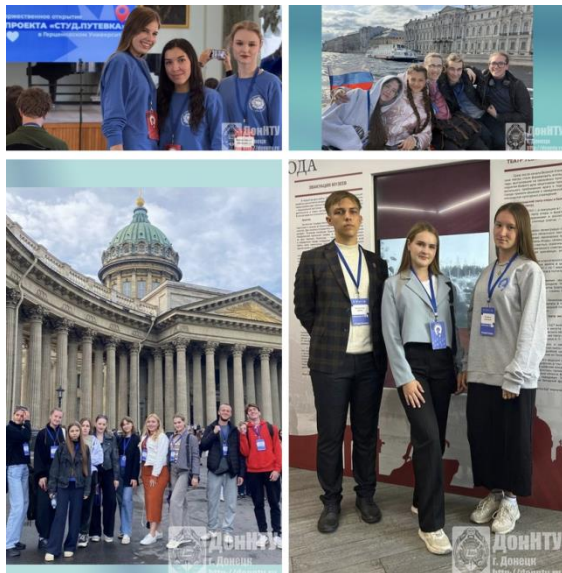


Photo: DonNTU's Site

August has become a time of new discoveries and unforgettable impressions for a group of talented DonNTU students, as they take part in the large project "Stud.putevka", which is held at the hospitable base of the Herzen State Pedagogical University in St. Petersburg this year.

"Stud.putevka" is not just an entertainment trip, but a carefully planned program that combines educational, culture and leisure activities. This unique project, which has already become a tradition, provides students from different parts of the country with the opportunity to immerse themselves in the atmosphere of the cultural capital, broaden their horizons, and gain valuable experience. During the trip, students attend themed lectures and seminars, master classes from leading experts, and tours of the city's historical places and museums.

DonNTU students' participation in "Stud.putevka" is an opportunity for personal growth and contribution to the university's prestige at the All-Russia level.

DonNTU Student is a Participant in All-Russia Youth Forum "Territory of Safety"

The first All-Russia Youth Forum "Territory of Safety" was held on September 6-10th in the Leningrad Region. This event was not just a meeting of active youth, but also a powerful educational

platform designed to arm the younger generation with knowledge and skills to confront modern challenges and strengthen the foundations of the country's information security.

The forum was attended by 400 people, including Daniil Matlakhov, a 3rd year student of the Department of Computer Information Technologies and Automation at Donetsk National Technical University. The five days of intensive work were filled with various lectures, master classes and discussions. Special attention was given to the thematic educational platform “Cyber Literacy in High-Tech Enterprises”.

Participation in the forum is a valuable experience for the students and an opportunity to recognize their role in ensuring the country's cybersecurity. The knowledge and skills acquired will help them in their future professional activities, contributing to the strengthening of the country's digital sovereignty in an ever-changing world. Such events play a crucial role in shaping a new generation of leaders who are ready to face the most challenging tasks and build a secure future for Russia.



Photo: DonNTU's Site

DonNTU Student, as Part of the “Pin-Code” Team, is a Silver Medalist in the Final of the Russian Cup in Robotics

In Saratov on September 12th the final of the Russian Cup in robotics was held, in which 12 teams from all over the Russian Federation took part. Donetsk People's Republic was represented by two teams – “Pin-Code” and Neuro copium.

In a tense struggle with the strongest rivals, the “Pin-Code” took second place. There were Timofey Soroka, a first-year student at the Faculty of Intelligent Systems and Programming at the Department of Software Engineering named after L. P. Feldman at Donetsk National Technical University, Elizaveta Khomyak, a student at the Boarding School “Erudite”, and Nazar Tupovich, a student at MSU (Moscow) in the team.

The Neuro copium team took fourth place. There were students from the Faculty of Intelligent Systems and Programming at Donetsk National Technical University: Egor Grekov, Ilya Sarbey and Denis Beloshapka.

At the tournament the participants prepared a unified program for robot control in Python. Each team tested an algorithm on their robot that was responsible for navigation and systematization of the processes performed by the machine.

“Robotics programming is not just a discipline of the future, it is the present, where algorithms come to life in metal and silicon.



Photo: DonNTU's Site

Winning such competitions is a testament to the highest level of skills, the ability to think strategically, and solve the most complex applied problems. These are the specialists who define our country's technological sovereignty”, said Odes Khasaevich Baisultanov, the Chairman of the Board of the Russian Federation of Sports Programming.

DonNTU's Students Participate in the III International Geological Championship “GeoChallenge”

Students of the Faculty of Subsoil Use and Earth Sciences of Donetsk National Technical University Nikita Lavrenchuk, Ilya Shchepak, Ilya Badevich, Daniil Abramov, Andrey Dolik and Victoria Laschenko (the head – Dean of FMES Irina Victorovna Filatova) took part in the III International

Geological Championship “GeoChallenge”, which was held on September 8-17th in Bashkortostan. It became one of the most significant events in the world of geology for young professionals and students, bringing together 38 teams from 16 countries: Russia, the CIS, Asia, Africa and the Middle East. The organizers are the Federal Agency for Subsoil Use and the Government of Bashkortostan, and the partners are the Khakassia Artel of Prospectors and the Holding “Sibzoloto”.

The opening of the championship took place on September 8th at the Congress Hall “Toratau” in Ufa with the participation of Rediy Khabirov, the Head of the Republic, and Oleg Kazanov, the Head of Rosnedra. “GeoChallenge” is designed to promote the popularization of geology, shape career paths for students, improve professional skills, and strengthen ties between young experts and leading employers in the industry. A sightseeing tour of Ufa was conducted for the participants. They visited the Monument of Friendship, the “Seven Girls” fountain, the Gostiny Dvor, the monument to Salavat Yulaev, and the Museum of Archaeology and Ethnography.

The theoretical part of the competition was held at Military-Patriotic Park of the Republic of Bashkortostan “Patriot” named after the Hero of the Russian Federation M. V. Serafimov, and the practical part was held in the Uchalinsky district.

The competition program consisted of 12 geological disciplines: radiometry, geochemistry, paleontology, HMS sampling, geological route, description of a geological section, oil and gas geology, hydrogeology, mineralogy/petrography, crystallography, organization of a field camp, and testing on the theoretical foundations of geology.

The next stage, “Journey through the Southern Urals from Europe to Asia” took place at the Children’s Health Camp named after V. Tereshkova (JSC Uchalinskiy GOK), where the participants were welcomed by Zakaria Gibadullin, a member of the State Assembly – Kurultai of the Republic of Bashkortostan, the General Director of JSC Uchalinskiy GOK, and Askhat Asadullin, the Deputy Head of the Uchalinsky District Administration for Entrepreneurship. A lecture “Geological Structure of the Southern Trans-Urals (Uchalinsky District)” was also held by Alexander Vladimirovich Snachov, the Head of the Laboratory at the Institute of Geology of the Ufa Federal Research Center of the Russian Academy of Sciences. The competitions “Geological route”, “HMS sampling”, “Hydrogeology” were held in extreme field conditions in the rain.

An excursion to the Uchaly Museum of Local Lore, the Uchaly College of Mining and the village Voznesenka, where historical and natural monuments were located, was organized for the leaders. The delegation was also introduced to the geological diversity of the Uchalinsky Trans-Urals – the Yuldashevsky limestone deposit, the Uchalinsky underground mine, JSC NFP Bashkir Golf Mining Company, and the Mansurovskoye granite deposit.

The excursion to the Muradymovskoye Gorge Nature Park: devon, garbon, caves and bisons, with its picturesque cliffs, observation decks, ancient cave paintings, and stalactite formations, took place on September 15th. In the “Heroes’ Race” participants completed an obstacle course with climbing frames, ramps, ditches, and barbed wire sections.



Photo: DonNTU’s Site

At the closing ceremony, Azamat Abdrakhmanov, the Deputy Prime Minister of the Government of the Republic of Bashkortostan, and Niyaz Fazylov, the Minister of Natural Resources and Ecology, noted that “GeoChallenge” was laying a solid foundation for the development of geology. A unique gift for the participants of the championship was a show by the aerobatic team of the Pervushino airfield.

The Newsletter is prepared by the Department of International and Inter-University Cooperation of DonNTU (including the materials published in the newspaper “Donetsk Polytechnic”)

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