

# Donetsk National Technical University INSTITUTE OF INTERNATIONAL COOPERATION

Newsletter

№36 (264) 2023

#### Administration of DONNTU and Vice-Rector of SPMU Congratulate Students on New Academic Year



Photo: DonNTU's Site

On August 31 Donetsk National Technical University held a video address of the Rector of DONNTU Alexander Yakovlevich Anoprienko, the First Vice-Rector Artur Arkadyevich Karakozov, the Vice-Rector Andrey Nikolayevich Ryazanov, as well as the Vice-Rector of St. Petersburg Mining University named after the Empress Yekaterina II (SPMU) Marat Rudakov to the students of the University of the University, first of all to freshmen, timed to the beginning of the new academic year.

In his speech the Rector emphasized that the glorious traditions of the university allowed looking confidently into the future, so the first-year students had made the right choice becoming students of DONNTU - the oldest and most authoritative university of the DPR. We all have to rebuild the Donbas industry; its revival will require common efforts, including young personnel. Engineering specialties are very complex, require regular hard study. While studying at the university, freshmen will have to become professionals, learn to make the right decisions and be responsible for them. But being a student means not only not only attending lectures, taking tests and exams, but also having interesting leisure, new acquaintances, the first love - this is the brightest period in the life of each person. At DonNTU the initiation of students traditionally took place in the solemn atmosphere, with a festive concert, the presentation of the symbolic Key of Knowledge and Student Card, in a huge assembly hall of the 9<sup>th</sup> academic building, which often lacked space for all freshmen. In the current difficult situation we have to congratulate the freshmen in online format, as well as to conduct classes remotely, but the university is ready for full-time study. We hope that this time will come soon.

Then the Rector gave the floor to the Vice-Rector of SPMU in Development of Partner Universities Marat Leonidovich Rudakov, who is currently on a working visit to DonNTU. The Mining University, headed by the Rector Vladimir Stefanovich Litvinenko, is a long-standing partner of DonNTU providing great assistance and support in all spheres.

Marat Leonidovich thanked for the opportunity to speak before the first-year students of the Technical University and noted that he fully supported Alexander Yakovlevich that the choice of engineering profession is especially relevant and important. In any field of activity you need engineering knowledge, even in fashionable IT-technologies. DONNTU and SPMU have been jointly training first-year students of Donetsk Polytechnic for the second year. Of course, this is a challenge - after the distance learning to start serious and responsible study in the leading universities of the Russian Federation. It will be difficult to study, but the acquired knowledge will help the graduates to become the production and management elite of the Donbas. Marat Leonidovich addressed some words of gratitude to the entire team of DonNTU which is developing the activity of the university in the educational, scientific and other spheres in the most difficult conditions.

The First Vice-Rector Artur Karakozov and the Vice-Rector Andrey Ryazanov finished the event with warm wishes to the first-year students. They congratulated them on joining the friendly family of Donetsk polytechnics, assured that the professors and teaching staff of the university will transfer all the knowledge accumulated for 102 years of work, will help to

become high professionals, which DonNTU will be proud of in the near future.

## Meeting with University's Industrial Partners and Polytechnic Awards Ceremony Held at DonNTU

The Rector Alexander Anoprienko, the First Vice-Rector Artur Karakozov, and the Vice-Rector Alexey Borisovich Biryukov participated in the meeting with industrial partners of Donetsk National Technical University, which was held on September 1<sup>st</sup>. The Vice-Rectors Andrey Nikolayevich Ryazanov, Sergey Vasilyevich Borschevsky, the Vice-Rector in Development of Partner Universities named after Empress Ekaterina II Marat Rudakov and the Head of the Inspection Security Department of the SPMU Lev Burlinov were also among the participants. The DPR enterprises were represented by the founder of the Yasinovatski Machine-building

Viktorovich Plant Vladimir Trubchanin and the Director of this production association Vladislav Muray; the Deputy General Director of the State Corporation «Almaz» Dmitry Nikolayevich Yeliseyev; the Director of Donetsk Metallurgical Plant Gennady Vladimirovich the Director of the Kukovinets: Branch of the Khartsizk Steel and Cable Works «Silur», its and Director on Personnel Dmitry Chuprina and Evgeniya Sergeevna Yarovaya.



Photo: DonNTU's Site

Alexander Yakovlevich Anoprienko opened the event. He congratulated the attendees on the beginning of the new academic year and noted that for the first time the Technical University had celebrated the event being the Federal University, which, like the Donbas in general, is assisted by Russia. This inspires confidence that the region's revitalized, powerful industry will serve for its good. The rector also recalled that DonNTU had always provided the enterprises of Donbass with personnel, making a significant contribution to the development of the industry of the USSR, and then the Russian Federation and the countries of the former Soviet Union. Alexander Anoprienko made a brief excursion to the history of the formation of the university, which was created in the image of SPMU. DonNTU was not only the first university of our region, but also its first scientific institution. In the history of Donbass there were three periods of revival, now the region is in the third period, when the need for professional engineering personnel is particularly high. Since 2021, there has been an extremely high demand for DonNTU engineering graduates of various specialties.

DonNTU and its industrial partners have always had common goals and mutually beneficial cooperation. And now production enterprises provide substantial assistance to the university - take part in the restoration of educational buildings, replenish the material and technical base of the university - for example, the Donetsk Regional Branch «Union of Machine Builders of Russia» and the Yasinovatski Engineering Plant gave the university a modern 3D printer.

SPMU and DonNTU have a long history. The Mining University promotes the integration of Donetsk Polytechnic into the scientific and educational space of Russia within the framework of cooperation. He noted that the meeting with producers expands opportunities for interaction of science, education and industry, which increases the potential of scientific personnel. Marat Rudakov also introduced the participants to the implementation of the industrial partnership in SPMU.

The Vice-rector Alexey Borisovich Biryukov presented four important directions for the development of cooperation between DONNTU and production, including career guidance work with students, provision of educational services for employees of enterprises, joint research, and

development of material and technical base of DonNTU with the assistance of partners. Among the projects already implemented are paid industrial practice at a number of enterprises of the DPR, as well as their assistance in career guidance of students.

The representatives of the production enterprises stressed in their speeches that joint activities were very important for a favourable partnership. They noted that at present the personnel issue in the Republic was very acute, it must be resolved through joint efforts, and all enterprises were ready to provide students with practice and graduates with jobs. Leaders also spoke about the potential of their production, implementation of import substitution programs, plans for the future.

As a result of the event, a protocol with recommendations, including regular meetings to further develop the directions and concrete measures to improve the interaction will be prepared.

On the same day, at a meeting of the academic council of the university, a ceremony of awarding polytechnics was held. A number of DonNTU teachers have undergone professional development courses at the SPMU - 42 representatives of the technical university have been awarded certificates of professional competence. The ceremony was held by the Vice-Rector of the Mining University Marat Leonidovich Rudakov. He conveyed the wishes of further success to the polytechnics from the Rector of SPMU Vladimir Stefanovich Litvinenko. Marat Rudakov also shared his impressions of staying at DonNTU, noting the capital scale of the university and careful attitude to the preservation and continuation of its traditions.

By the Miner's Day, representatives of the mining branch of the University were awarded with memorable insignia from the Ministry of Coal and Energy of the DPR: Ivan Vladimirovich Kupenko - «Shakhtar Valor» III degree; Ivan Ivanovich Gomal - «Shakhtar Valor» II degree; Alexander Olegovich Novikov - «Shakhtar Glory» III degree; Yuri Anatolyevich Petrenko - «Shakhtar Glory» I degree. The awards were presented by Vladislav Aleksandrovich Agarkov, the Director of the Department of the Coal Industry of the Ministry of Coal and Power Industry of the DPR. He thanked the university's management for the training of qualified engineers and noted that DonNTU graduates were highly valued worldwide.

The Rector Alexander Yakovlevich Anoprienko handed in the diplomas of candidates of economic sciences to Alexander Grigorievich Vinogradov and Victoria Leonidovna Panova. For many years of conscientious, fruitful work in the organization of the educational process at the university, the training of highly qualified scientific, engineering personnel and in connection with his 70th anniversary Boris Vladimirovich Gavrilenko was awarded a diploma. The Rector awarded the student Julia Lyashenko a diploma of the prize winner of the scientific competition «Prospects of Economic Development of New Regions of the Russian Federation: a Vision of Young Scientists» in the category «Undergraduate Students, Specialists» from the Institute of Economic Research.

## XXX International Scientific and Technical Conference "Mechanical Engineering and Technosphere of XXI Century" held in Sevastopol

On September 11-17<sup>th</sup> the XXX International Scientific and Technical Conference «Mechanical Engineering and Technosphere of the XXI Century» was held with the support of the Donetsk Regional Branch «Union of Machine Builders of Russia» in Sevastopol (Laspi Bay). Among the organizers are the Ministries of Education and Science and Industry and Trade of the DPR; the Association of Engineering Technologists of Russia; DonNTU; SPMU of Empress Catherine II; MSTU named after N.E. Bauman;



Photo: DonNTU's Site

Bryansk, Voronezh, Don, Kamchatsky, Ukhta State Technical Universities; TSU named after A.R. Beruni (National Polytechnic University of Armenia); Saint-Petersburg Polytechnic University of Peter the Great; Abkhazian and Sevastopol State Universities; LSU named after V. Dahl; Al-Farabi Kazakh National University; P.A. Solovyov Rybinsk State Aviation Technical University; the Company «Feodosia Optical Plant»; the Company «Isotherm»; the Company «Aviatech»; the Company «Yasinovatsky Machine Building Plant».

The conference was attended by representatives of leading enterprises, research, technology, engineering and higher education institutions of Armenia, Belarus, Kazakhstan, Uzbekistan, Russia, including the Komi, Crimea, Yakutia (Sakha) and LDPR republics.

The purpose of the event was to exchange scientific and technical information, identify promising ways of creation and development of new technology, identify the opportunities in realization of a qualitatively new set of properties and measure of usefulness of products, develop joint scientific programs, establish business contacts and linkages.

The conference considered modern problems of engineering technology, as well as non-traditional methods; mechanization and automation of production processes, progressive equipment, robotics and mechatronic systems; economic problems of technosphere and organization of production; actual problems of material engineering, processes and materials science - nanomaterials and nanotechnologies; equipment and technologies of mining industry, environmental problems of technosphere; modern technologies and equipment of oil and gas industry (drilling of wells); main features and problems in the system of professional education of the Eurasian educational space, etc.

17 works by leading scientists - conference participants were presented at the plenary session. The Rector Alexander Yakovlevich Anoprienko («Graduates and Teachers of DonNTU in the Service of Russia») made presentations from Donetsk National Technical University, as well as the chairman of the Conference Organizing Committee Alexander Mikhailov («XXX International Scientific and Technical Conference «Engineering and Technosphere of the XXI Century»: Events and Historical Milestones»).

The conference was held in five breakup groups. 48 representatives of universities, scientific organizations, enterprises, firms, design offices took part in-person, and 20 representatives of remote offices. 68 reports and presentations, which were characterized by relevance, scientific novelty, practical value, reflected the production experience, state and prospects of engineering and technosphere development were heard. The leading machine builders also considered the main plans and prospects of the Donetsk regional branch of the «Union of Machine Builders of Russia» for the next year at the event. Recommendations were made on the basis of the discussion of the speakers' presentations and it was decided to communicate them to all interested enterprises and organizations.

It should be noted that the number of countries participating in the work of the conference is increasing, and the number of participants from the EAEU is growing.

According to the results of the conference, proceedings in four volumes «Progressive Technologies and Systems of Machine-Building», indexed in the RISC (121 articles from 183-th authors, including 29 doctors and 96 candidates of sciences), were published.

## Congratulations from Empress Catherine II Saint Petersburg Mining University to DONNTU on Machine-builder Day

Machine Builder Day is celebrated in Russia and Belarus (celebrated in the USSR) every year on the last Sunday of September. This professional holiday is celebrated by workers and engineers of the machine-building industry.

For DonNTU this holiday is of great importance as our university since its foundation is engaged in the training of specialists in this industry. Machine builders of DonNTU received congratulation on the professional holiday on behalf of Saint Petersburg Mining University named after Empress Catherine II:

"September 24 is marked by a professional holiday - Machine Builder's Day.

Engineering is the foundation of any industry. It consists of thousands of large and medium-sized enterprises employing highly skilled engineers, designers and workers. The technological level of the country, the dynamics of economic growth and the well-being of millions of citizens largely depend on the sustainable development of the industry.

On behalf of Saint Petersburg Mining University, we congratulate you on your professional holiday!

We wish today's machine-builders, industry veterans and students ambitious tasks and their accurate timely execution, prosperity to enterprises, deserved recognition and success in their studies!"

#### **DONNTU Entered into New Cooperation Agreement**



Photo: Internet Source

In September 2023 Donetsk National Technical University and Tyumen Industrial University signed a cooperation agreement.

The Industrial University of Tyumen leads its genealogy from the educational and advisory board of Ural Polytechnic Institute, opened in Tyumen in 1956, which later became a part of the Tyumen Industrial Institute. This happened in 1963, when the rapid development of the wealth of Western Siberia began. In 1963 it was decided to create a specialized university in Tyumen, which trains specialists for the oil and gas complex of

Siberia. It was headed by the Associate Professor of the UPI Kosukhin Anatoly Nikolayevich, a young guerrilla of Crimea, later a professor, awarded with many state orders and medals. He did a lot for the establishment and development of the university, until his transfer to Moscow in 1973.

In 1994 the name was changed to «Tyumen State Oil and Gas University».

Partnership relations have connected TSOGU with the largest oil and gas, transport and service companies for many years.

The parties agreed to cooperate in the field of higher and additional vocational education, training of highly qualified scientific personnel, joint research, and cultural, spiritual and moral and patriotic education of students.

### **DONNTU Staff Become Participants of Circle Movement Convention**

On September 21-24 Novosibirsk with the support of the Government of the region held the Convention of the Circle Movement on the topic «Russia as Space: Pioneers». The participants of the event were schoolchildren, students and mentors, beginners and already experienced specialists who are engaged in technical and human sciences, launch their projects and clubs in 10 regions of the country.

The opening ceremony was attended by Maria



Photo: DonNTU's Site

Zhafyarova, the Acting Minister of Education of the Novosibirsk Region. "I am glad to greet all participants of the Convention, who came from different regions, some words of welcome I am addressing to my colleagues, educational institutions of the Novosibirsk region, which are rightfully the pearls of technological education. Our main task is to increase the number of children involved in the Circle movement. We would like every child who is interested in

scientific and technical creativity to meet his mentor and develop in this direction», - said Maria Zhafyarova.



Photo: E.V. Alekseeva's Report

Within the framework of the main program sessions and hackathons, plenary meetings and stands, lessons and workshops, round tables, educational games and their presentations, the open meetings of the Association of Circles, session of regional teams of the Circle Movement, the Youth School Mentor Meeting were held during four days. The participants discussed mentoring models and mechanisms for working with the pedagogical community, regional practices for

the development of engineering education and the improvement of electronics and

programming clubs. Special attention during the Convention was paid to the development of the project of the national cyber-physical platform «Berlog» and the National Technological Olympiad as a new mechanism for involving schoolchildren in technical creativity and technological education. An extensive cultural programme was also organized for the participants.

Donetsk National Technical University was represented at the Convention by the head of the PCRS department, the curator of engineering and space classes Elena Vladimirovna Alekseeva, who made a presentation on their work, the assistant of the Department of Program Engineering named after L.P. Feldman Olga Seryozhenko and the postgraduate student of the Department of Technical Thermophysics Natalia Natchkebia.

Our employees took part in the master class «Debut of Board Game Developers in Education», which was conducted by the employees of the firm «Polyus - NT» - the developer of games of engineering and natural-scientific orientation, They also attended a session on the exchange of experience of project schools and regional centers for work with schoolchildren. E.V. Alekseeva made a presentation on working with engineering and space classes of DonNTU within the framework of the session «Regional Practices of Engineering Education Development». This day she also attended the round table «Presentation of the New Model of the Contest of Circles», a session devoted to the preparation of schoolchildren for NTU, NTU Junior and a session for regional coordinators of the National Technological Olympiad. This day E.V. Alekseeva took part in the discussion «What is Useful Games Like», the session on the design of NTT days, and in the Open Meeting of the Association of Circles.

The development of the Berlog Cyberphysical Platform, attracting schoolchildren to the Olympiads, competitions, solving engineering problems were considered. At the meeting the chairman of the Association Alexey Fedoseyev spoke about the work of the Association in 2022 and the plans and projects for 2023 - 24 years.

A session of regional teams of the Circle Movement was held. The experience of Kaluga Oblast, Tyumen Oblast on attracting schoolchildren to additional education is interesting. There was also a round table on the results of the Convention and its closure.

## DonNTU Students - Online Lecture Participants «Why Elections are Great: Historical Excursion»

An online lecture «Why Elections are Great: Historical Excursion» was held for the students of Donetsk National Technical University on September 6.

The lecture was given by Daniil Petrovich Shulga, Doctor of Historical Sciences, and the Associate Professor of the Department of International Relations and Humanitarian Cooperation of Siberian Institute of Management. Theories of the origin of states, types of electoral systems and examples from different countries and eras were discussed in detail. The Government and

the structure of the political system of the Russian Federation were also highlighted. These questions triggered an active discussion in the chat room, and the event added to the knowledge of all participants.

The lecture was organized with the assistance of the Coordination Center for Youth Active Citizenship, Prevention of Inter-ethnic and Interfaith Conflicts, Counteracting Ideology of Terrorism and Prevention of Extremism of the DPR.



Photo: DonNTU's Site

### DONNTU Students Take Part in XIV Festival of Science of Southern Russia

Students of the Faculty of Engineering and Economics of Donetsk National Technical University took part in the XIV Festival of Science of Southern Russia, which was held on September 16 at the stadium «Rostov Arena» in Rostov-on-Don. Senior lecturer of the department of



Photo: M. Marenich's Report

Management and Economic Law Maria Konstantinovna Marenich accompanied the group of students.

It was organized by the Southern Federal University. Representatives of SFU held a training of entrepreneurial competencies for partner universities within the framework of the federal project «Platform of University Technological Entrepreneurship».

The event was opened by the

President of the Southern Federal
University Marina Borovskaya, who acted

as one of the business coaches.

Startup Game was dedicated to the basics of technology entrepreneurship. The participants learned how to create their startup, learned about practical tools and technologies used in the creation of technological start-ups, as well as about the mechanisms of diagnosis of their own potential as an entrepreneur.

The peculiarity of the training was that the students worked, splitting into 9 mixed teams from different universities of the LDPR and Rostov region, as it is an effective practice to establish horizontal links between universities.

Another speaker of the training was Stanislav Trufanov, the Director of the Project Office for the Development of Innovative and Entrepreneurial Competencies of the Centre for Transfer of Technologies of SFU, the Head of Marketing Initiatives and Strategic Communications, Associate Professor of the Faculty of Business «Captains».

With the help of experienced trainers of entrepreneurial competence, students immersed themselves in the sphere of technological entrepreneurship from scratch, could look at the creation of the startup from a new perspective, found new acquaintances. Each team presented the concept of their project. At the end of the training they received a certificate of completion of the additional education program.

"Emotions throughout training are difficult to convey in words, because it exceeded all expectations. In addition to the valuable and, importantly, interesting submitted theoretical information with illustrative examples, we were given practice, much practice. We literally developed a startup project model in just one training! First, we did the communication exercise, and then we were able to form a big, solid team. The captain in it was a wonderful girl Antonina from SFU, the cheerfulness and



Photo: M. Marenich's Report

diligence of who charged to productive work of the whole team. But other guys from the team became for me a real discovery, because I did not know that in my Donetsk National Technical University and my faculty there are such bright minds! We made a commercial clip, developed a presentation, counted the cost of the project, but most importantly - understood that opportunities were around us, the main thing is not to miss them". - shared her impressions about the training the student Valeria Demyanenko".

A tour of «Rostov Arena» was also organized for our students and teachers.

The students unanimously expressed their gratitude to Donetsk National Technical University for the given opportunity and would like to visit such events in the future. This trip will be remembered by students of the Faculty of Engineering and Economics as one of the brightest, most intense and memorable events of student life.

#### Representative of DONNTU is Winner of Competition «Mentor of the Year» within All-Russian Conference «Young Engineers and Inventors»

On September 15 the State Duma of the Russian Federation held the final of the All-Russian Conference «Young Technicians and Inventors». The event has been gathering the best inventive



Photo: DonNTU's Site

and scientific and technical projects of schoolchildren which can be used for development and transformation of various spheres of society.

The purpose of the conference is to support young inventors from all over the country, to raise the status of engineer and inventor, to attract talented members of the younger generation to the studies of science and design.

The organizers of the solemn awarding of the winners traditionally were the specialized committees of the State Duma - the Committee

on Science and Higher Education and the Committee on Education. The event was attended by 480 gifted children and adolescents aged from 6 to 19 years and 280 teacher-mentors from 85 regions of Russia.

The conference participants from the Donetsk People's Republic were five schoolchildren from Donetsk, Makeyevka, Gorlovka and two teachers. The students presented their scientific essays, finished products and prototypes, and conducted defense of the works before the professional community of scientists and engineers.

According to the results of the conference IlyaUstenko, a student of the 8th grade of Donetsk Specialized Physics and Mathematics School #35 was the winner in his nomination, and the rest

of the guys - laureates.

In the competition «Mentor of the Year» won the Head of the Department of Electronic Engineering of Donetsk National Technical University, and concurrently the teacher of additional education and the Head of the circle «Electronics, Instrumentation, Robotics» of the technical creativity center «Quantorium» and the electronics section at DONSAS Dmitry Kuznetsov awarded with the main prize of the conference.

#### **Representatives of DonNTU - Participants**

## II Student Forum «Deposit» at Gubkin University

The II Student Forum of Gubkin University «Deposit» was held on the basis of the educational and production center «Zaluchye» from 20 to 24 September. It was attended by more than 100 representatives of Gubkin University, the branch of the Oil and Gas Research Institute (NIU) named after I.M. Gubkin in Orenburg, the University of the Prosecutor's Office of the Russian Federation,



Photo: DonNTU's Site

Moscow State University named after N.E. Bauman, as well as Donetsk National Technical University – Vladislav Kozlenko and Vadim Ivanov , Accompanied by the Head of the Department for the Organization of Educational Work with Students Inna Mikhailovna Yurkova. Preparation for the Forum was held in Moscow on September 18-19. Excursions to important places of Gubkin University were organized for participants. The guys got acquainted with the student's activist board, the historical heritage of the university, visited the training grounds. Also, the university staff organized a visit to the museum of the company «Lukoil».

Every day of the forum was filled with educational events: lectures, debates and works on tracks in which the participants improved their skills. The topics of lectures and debates were aimed at preserving the cultural heritage, patriotic education of students, development of professional skills of modern engineer.

Within the framework of the forum three tracks were presented: «Field of Leaders» - for present and future leaders of student associations; «Field of Events» - for organizers of youth events and events; «Field of Content» - for those who develop their abilities in the media. The work on the tracks allowed participants to gain specialized knowledge in their areas. DonNTU students took part in the tracks «Field of Leaders» and «Field of Events».

In addition to the educational program, the guys attended master classes that contributed to the development of interaction and teamwork (for example, a master class on making cloaking nets and trench candles for SMOparticipants).

There was also a quiz presentation of the project «Your Course», acquaintance with the projects of the Committee of Public Relations and Youth Policy of Moscow «Youth of Moscow» was organized. Students took part in intellectual games, sports and entertainment activities.

The guys got a lot of experience in their tracks, communication with the team, speakers and experts, gained new knowledge and acquaintances.

#### **DONNTU Students - Participants**

#### All-Russian Hackathon «Digital Breakthrough. Season: Artificial Intelligence»

The All-Russian hackathon, which was attended by a team of the Institute of Computer Sciences and Technologies of the Donetsk National Technical University E-GNOTPT took place in Nizhny Novgorod from 2 to 10 September. It consisted of students of the Department of Software Engineering named after L.P. Feldman Mikhail Vavilin, Konstantin Rudnev, Oleg Vasilchenko and the Department of Automated Control Systems Leonid Sygin and Ivan Sygin.

The curator of the team is the Associate Professor of the Department of Automated Management Systems of the Faculty of Information Systems and Technologies Elena Osipovna Savkova.



All-Russian hackathon «Digital Breakthrough. Season: Artificial Intelligence» is the largest competition for professionals in the IT field. As part of the event, the teams solved the business and social problem presented by the organizers in the field of artificial intelligence for a limited time.

The teams had the task of training the artificial intelligence model to persuade the client to buy the machine, and then protect the work before the experts. The essence of the task was to process a huge amount of data provided by the construction company «Plane», and on its basis to determine whether it would be advantageous for the next buyer to offer to buy a parking space in a new house, which will reduce the cost of sending messages.

During the competition the team had the opportunity to communicate with the preparers of practical assignments and employees of the company, which helped to direct the course of thought in the right direction. The participants noted the high level of organization and comfortable conditions of the hackathon. At the end of the competition, the students of DonNTU reached the stage of defense of the works, got invaluable experience, vivid impressions, accessories and souvenirs with the symbols of the project.

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

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