

## Donetsk National Technical University INSTITUTE OF INTERNATIONAL COOPERATION

Newsletter

№17 (245) 2021

#### **DonNTU Passes another Stage of Russian Accreditation**



On July 30<sup>th</sup> the Head of the DPR handed the documents proving DonNTU's passing state Russian accreditation to its Rector Prof. A. Anoprienko. Mr. Pushilin emphasized that all educational institution of the Republic- from universities to high schoolswere participating in the accreditation

procedure. He congratulated those who had got the certificates and thanked teachers and administrators for their work. He said that the fact that graduates having Russian universities degrees was another step on the way of the DPR's integration into Russia.

# International Centre of Competences in Mining Education Working under the Aegis of UNESCO Thanks DonNTU

DonNTU's Rector Prof. Anoprienko has got a note of thanks from the Vice-Rector in International Cooperation of St. Petersburg Mining University, the Director General of the International Centre of Competences in Mining Education working under the aegis of the UNESCO Ms. V. Borzenkova. She thanked DonNTU's staff for taking part in the VII International Forum of Students and Young Researchers "Topical Issues of Rational Use of Natural Resources" which was held at St. Petersburg Mining University on May 31<sup>st</sup> - June 6<sup>th</sup> and was supported by the UNESCO.

The forum was a significant event for the young research society. 700 online and

offline presentations were made by speakers from 48 countries, 178 institutes and companies from all over the world.

5 people – the engineer A. Gritsaenko, the postgraduate students R. Troitskaya and N. Barsuk, and students I. Zhovtobryukh and D. Smykov – represented DonNTU at the event.



Mr. Gritsaenko is the forum's winner in the breakup group "Innovations and Prospects of Mining Engineering Industry" and got his diploma.

Key researchers from the world's universities, representatives of international companies working in minerals complex and Prof. S. Borshchevski from DonNTU were the members of the expert commission.

#### **DPR's and RF's Diplomas Presentation at DonNTU**



DonNTU presented university diplomas to its graduates on July 9<sup>th</sup>. It was the first time ever that Master's students from three faculties (Engineering Mechanics and Manufacturing Engineering, Computer Information Technologies and Automation, Metallurgy and

Heat Power Engineering) got the RF diplomas (66 ones, 20 of which being of honours). 388 Master's students and 600 Bachelor's students got their DPR diplomas (97 are of honours).

Graduates having their honours degrees were greeted by DonNTU's Rector Prof. Anoprienko. He said that demand in engineers in Russia was growing every year.

The Faculties' Deans and Departments' Heads wished the graduates not to forget the alma mater and preserve its traditions.

This year more than 1000 professionals have graduated from DonNTU. Good luck!

## DonNTU's Researchers and Students Take Part in International Forum-Contest on Natural Resources Use

On May 31<sup>st</sup> –June 6<sup>th</sup> DonNTU's representatives took part in the VII International Forum of Students and Young Researchers "Topical Issues of Rational Use of Natural Resources" which was held at St. Petersburg Mining University on and was supported by the UNESCO.

The forum-contest is an open discussion ground to discuss current issues on minerals

and fuel energy complexes of the RF and the world development. Participation in it is a unique chance to presentations in front make representatives of state structures and professionals from academic business societies from more than 50 countries, to find potential partners and share ideas.



5 people – the engineer A. Gritsaenko, the postgraduate students R. Troitskaya and N. Barsuk, and students I. Zhovtobryukh and D. Smykov – represented DonNTU at the event; Prof. S. Borshchevski, Dr. A. Kravchenko, Dr. V. Skazhenik and Dr. I. Kochura from DonNTU were members of the expert commission.

## DonNTU's Associate Professor is the Winner of the First Stage of Inter-Regional Festival -Photo Contest "Ecology-Safety-Life"

Dr. A. Bodnar is the winner of the first stage of the V Inter-Regional Festival-Photo Contest "Ecology-Safety-Life" organized by Ulyanovsk Regional Local History Museum named after I. Goncharov and the Council of Museums of



Privolzhski federal district. According to the cooperation agreement Donetsk Arts Museum "Art-Donbass" has been a museum-partner of the festival for three years.

On June 11<sup>th</sup>, the eve of the Day of Russia, the results of the first stage of the Inter-Regional contest were summed up at the "Art-Donbass". Dr. Bodnar was ranked

first in the nomination "Mysterious World". She also got the Audience Award for her work "Adygei".

The Festival-Photo Contest "Ecology-Safety-Life" unites photographers-professionals and amateurs-from Ulyanovsk, Samara, Nizhegorod, Kirovsk regions of the Russian Federation, the Republics of Mari-El, Chuvashia, Udmurtia, and Bashkiria, as well as the Donetsk and Lugansk People's Republics. 89 works of 25 authors from Donetsk, Makeevka and Avdotyino have been submitted to the Festival this year.

The works ranked first in the regional contest in the DPR were sent to Ulyanovsk Regional Local History Museum to take part in the second (inter-regional) stage.

# DonNTU's Researcher is Winner of International Forum-Contest in St. Petersburg

The engineer of DonNTU Mr. A. Gritsaenko made his presentation at the XVII International Forum-Contest "Topical Issues of Rational Use of Natural Resources" (the breakup group "Innovations and Prospects of Mining Engineering Industry") in St. Petersburg which was ranked first among six other presentations.

Since 2020 the Forum-Contest is being held in eye and extra-mural forms which widens the sections of participants and raises competition. There were 30 speakers from 10 countries of the world in the breakup group, so it was not easy at all to be the best. That is why DonNTU representative's victory is so valuable.



Mr. Gritsaenko has participated in the Forum-Contest for the fourth time. His presentations had also been awarded (<a href="https://donntu.org/news/id201905271601">https://donntu.org/news/id201905271601</a>). They deal with techniques for blast hole and small diameter wells drilling. Mr. Gritsaenko has been designing one-ball drilling bits with higher capacity for more than four years which is also the subject-matter of his PhD dissertation.

Mr. Gritsaenko made his presentation on June 3d and showed the results of research of characteristics of 38mm bits with ultra-sound vibrating systems. He also showed that vibration superposition causes drilling efficiency and power-intensity reduction.

This year the winners have been given a chance to have free publication of their presentations in Topical Issues of Rational Use of Natural Resources, which is a part of the SCOPUS scientometric base.

# DonNTU is a Prize-Winner of International Exhibition of Technologies and Equipment for Mining and Metallurgical Complex and Soil Rational Use Mining Week Kazakhstan

The XVI International Exhibition of Technologies and Equipment for Mining and



Metallurgical Complex and Soil Rational Use Mining Week Kazakhstan was held in Kazakhstan (Karaganda) on June 22-24<sup>th</sup>. It was aimed at meeting professionals in mining and metallurgy from different countries to exchange their experience,

new

technologies and create new business-projects.

DonNTU was represented by Dr. A. Korchevski who was awarded with a diploma to mark his work at the exhibition.

Besides, Dr. Korchevski discussed cooperation with the editorial board of the "Mining Journal of



Kazakhstan", visited Karaadyrsk oil deposit and renewed the agreement with the company "PromTechnologia".

## DonNTU's Delegation Takes Part in International Conference "Modern Tendencies of Development and Prospects of Introduction of Innovation Technologies in Manufacturing, Education, and Economics"

Azov Technological Institute, the branch of Donskoi State Technical University, hosted the VIII International Scientific and Practical Conference "Modern Tendencies of Development and Prospects of Introduction of Innovation Technologies in Manufacturing, Education and Economics" on May 26-29<sup>th</sup>. Researchers, Master's and undergraduate students from the RF and the near abroad took part in it.

They discussed the current state and the possibility of formation of the spheres of



manufacturing, network engineering, economic problems, and the ways to raise productivity of companies' work.

DonNTU's delegation took an active part in the conference and its breakup groups' work.

The conference organizers showed our staff the Institute and told them about the

work of its subdivisions.

## TV Channel "Union" Interviews DonNTU's Graduate Raising Industry of South-East Asia

The TV Channel "Union" has managed to interview a graduate of DonNTU Mr.

Al Ababneh Hasan Ali, a scientist and businessman who is raising industry of South-East Asia.

The reporters asked him about his opinion on the civil war Kiev started against the population of Donbass and whether he was going to invest the economics of the DPR.



The details can be found at https://youtu.be/tl277K9Ir5U.



## DonNTU's Students are Winners of International Research Contest in Moscow

Moscow hosted the VII International Research Contest for Undergraduate and Postgraduate Students "Genesis of

Entrepreneurship: from its Origin **to** Nowadays" on February 1<sup>st</sup> –May 14<sup>th</sup>. It was organized by the Faculty of Economics and Business and the faculty of Law of the Financial University under the government of the Russian Federation.

It was aimed at showing creative abilities of young researchers, popularizing research work in legal regulation among undergraduate and postgraduate students; improving students' research work, assisting in solving entrepreneur problems in the Russian Federation and its legal regulation, making jurisprudence more attractive among youth, further integration of science into education.

Our students were prize winners in different contest areas.

# DonNTU's Student is Prize-Winner of All-Russian Calisthenics Contest "Mountain Fairy Tales"

The All-Russian Calisthenics Contest "Mountain Fairy Tales" took place in Kabardino-Balkaria on June 10-12<sup>th</sup>. 500 sportswomen form 23 regions of the RF, South Ossetia, and the DPR took part in it. DonNTU was represented by the student I. Abakumova who was ranked second in the FIG master of sports program.

The event was opened on June 11<sup>th</sup> in Nalchik.

It was first time ever that the contest "Mountain Fairy Tales" got the All-Russian status and was integrated into the single schedule of Russian sports events. According to the contest Chief Justice it is sure to reice the contest level



the contest Chief Justice it is sure to raise the contest level and attract sportsmen and fans.



Triumphal Performance of DonNTU's Master's Students at Eurasian Olympiad on Statistics Theory in the Russian Federation Orenburg State University published the results of the final round of the Eurasian Olympiad in Statistics Theory on June 11<sup>th</sup>.

DonNTU's Master's students ranked first in the team championship, and the Master's students T. Yershova and O. Oleksyuk ranked first and third correspondingly in the individual championship.

84 participants made up 42 teams from Orenburg, Novosibirsk, Saratov, Yoshkar-Ola and Donetsk took part in the event.

### Power Engineering Students Defend Their Master's Works at Belgorod STU Named after V. Shukhov

Power engineering Master's students passed the state final attestation at the partner university – Belgorod State Technological University named after V. Shukhov on June 19-21<sup>st</sup>. Because of the coronavirus pandemic our Master's students defended their works online. The approach made the students to show



maximum expression while presenting their research results in front of the State Attestation Commission of BSTU. As a result 10 Masters out of 23 will have an honours diploma.

## DonNTU's Student is Prize-Winner of International Students' Online Conference "TRIZ- Technologies-2021"

The Master's Student of DonNTU D. Kalinichenko became a prize-winner of the



International Russian-Korean-Japanese Students' Online Conference"TRIZ-Technologies-2021" which was hosted by Komsomolsk-on-Amure State Technical University in May.

Mr. Kalinichenko ranked second in the nomination "Contribution into the Future". His presentation covered application of advanced methods to solve research tasks while training

students on the subjects of "Patenting Foundations", "Innovative Metallurgical Equipment", "Metallurgical Equipment Engineering", "Technical Systems Physical Modeling" and in research with requisitioning of the prospective patents.

There was an integral combination of a form and content in his presentation. The computer graphics slides demonstrated schemes and photos of acting models of eight patterns of new technological equipment and steel plants developed by DonNTU's staff and students and patented in the Russian Federation during last five years.

Mr. Kalinichenko also took part as DonNTU's team member in the final round of the International Championship on Technological Strategy "MetalCup, the Fourth Industrial Revolution" at Siberian Federal University (Krasnoyarsk) in September. Our team ranked sixth then.

#### DonNTU's Graduates Get Honours Diplomas in the Russian Federation

There was a ceremony "Graduate-2021" at Donetsk Opera and Ballet House

named after A. Slovyanenko on July 2<sup>nd</sup> where 75 best university graduates got the diplomas of the DPR and the Russian Federation.

There were metallurgical engineering, mining engineering and mechanical engineering students of DonNTU who got their honours diplomas.

The Head of the DPR Mr. D Pushilin, the Chairperson of the People's Council of the DPR Mr. A. Bidevka, the Deputy Chairperson of the DPR government Mr. V. Antonov, the Acting Minister of Education and Science of the DPR Mr. A. Udovenko and the Deputy of the RF State Duma Mr. G. Onishchenko greeted the graduates.



Newsletter is prepared by the International Office of DonNTU. Should you have any questions or offers as to the publication material, please address us at: 1<sup>st</sup> building of Donetsk National Technical University, office 220; tel.: (062) 301 – 08 – 25; (062) 337 – 32 – 66; fax: (062) 304 – 12 – 78; URL: <a href="http://donntu.org/international-cooperation/otdely-instituta-mezhdunorodnogo-sotrudnichestva">http://donntu.org/international-cooperation/otdely-instituta-mezhdunorodnogo-sotrudnichestva</a> E-mail: ovs@donntu.org