



DonNTU as the Central Platform of the III International Scientific Forum “Innovation Prospects of Donbass: Infrastructural and Social and Economic Development”



The III International Scientific Forum “Innovation Prospects of Donbass: Infrastructural, Economic and Social Development” organized by the Ministry of Education and Science of the DPR was opened in Donetsk on May 24th.

The ceremony took place at the assembly hall of the 9th building of Donetsk National Technical University. The library expositions displayed textbooks, manuals and monographs developed and published in the DPR and there was an exhibition of developments of universities and research institutes of the DPR at the university’s historical museum.

The First Deputy Minister of Education and Science of the DPR Mr. M. Kushakov, the Deputy Minister of Education and Science of the DPR Ms. I. Simonova, branch leaders, representatives of the central staff of the DPR’s education and science trade unions, rectors and the staff of universities and colleges of our Republic, workers of research institutes of the DPR and guests from the Russian Federation (Moscow and Volgograd) and the Lugansk People’s Republic were present at the event.

The Minister of Construction and Housing and Communal Services of the DPR Mr.S. Naumets, the Director of the Institute of Emergency Surgery named after V. Gusak Mr.Fistal, the Director of the Institute of Trade, Service Technologies and Tourism of Lugansk National University named after T. Shevchenko Ms.V. Zinchenko, the Director of the Institute of Social Science and Humanities of DonNTU Prof. N. Ragozin, the Chairperson of the Students’ Scientific Association of Trade Unions of the DPR F. Kisilev made their presentations at the plenary meeting. The DonNTU Rector’s presentation “Analysis of Ecological Risks and Proposals as to Stabilization of the Donbass Ecology” was topical.

28 scientific and educational institutions of the Republic participated at the forum. The exposition of developments of DonNTU attracted much attention of the visitors. There were many new displays corresponding to the modern requirements in

the context of revival and development of scientific and industrial potential of the Donetsk Region. The authors answered the questions as to increase of effectiveness of mine pumping plants, complex processing of mining and metallurgy wastes, renewal of high-wear parts of mechanical equipment and pipes, manufacturing of light concrete from mine dump rocks, creation of industrial robots, including means of stabilization of the element position during their movement, improvement of the constructions of internal-combustion engines based on conrod-free schemes.

There were 15 scientific and technical conferences in the frameworks of the Forum. 8 of them took place at DonNTU.

The Forum material will be published in the proceedings. The best presentations will be recommended for publication in key scientific editions of the DPR and the RF.

II International Scientific and Practical Conference “Ecological Situation in Donbass: Territorial Safety and Rehabilitation for the Economic Revival”



On May 16th Donetsk hosted the II International Scientific and Practical Conference “Ecological Situation in Donbass: Territorial Safety and Rehabilitation for Economic Revival”. It had been organized by the Ministry of Science and Education of the DPR, the International Independent Ecological and Political University (Moscow), the Donetsk Botanical Garden, Donetsk National University of Economy and Trade named after M. Tugan-Baranovski and Donetsk Medical University.

A big delegation of Russian scientists-environmentalists headed by the academician of the Russian Academy of Science Prof. M. Zalikhonov arrived in Donetsk to participate in the conference.

On May 17th DonNTU hosted the breakup group #1 “Topical Developments of DonNTU to improve the ecology of the Donetsk Region”. DonNTU’s researchers

and postgraduates, workers of the Donetsk Botanical Garden and Moscow professors V. Potapov, Y. Mikhailov and I. Anufriev participated in the breakup group discussions.

Modern ecological risks related to the work of plants of different branches, first of all power-intensive ones, technical capacities and implementation of measures to provide favourable ecological situation were analyzed in detail.

The reports and presentations showed the results of the DonSTU's research and developments introduced into industries and those of our colleagues from the Donetsk Botanical Garden and the Russian academicians. The special attention was paid to advanced technologies in mine drifting, prevention of impounding of territories caused by mine water, usage of airlifts as improved productivity fixed pumping plants, mine dump and industrial and domestic waste containing metals processing, implementation of new technologies and engineering solutions in growing of ecologically clean agricultural products.

High scientific and technical level of developments in prevention of ecological risks at Donbass industries including those developed at DonNTU was emphasized. The ways and methods of further improvement of technologies in prevention of ecological risks and catastrophes were specified.

Prof. V. Potapov delivered the lecture "The UN Declarations in the Environment and Development and International Nature Conservation Agreements" to students of DonNTU.

The participants of the breakup group noted practical topicality of the conference for Donbass, importance of exchange of advanced experience in creation of favourable ecological situation on the territories with developed industrial infrastructure and power-intensive production.

The Delegation of the Institute of Mining and Geology of DonNTU is a Prize-Winner of the International Forum-Contest "Mineral Usage Issues"

St. Petersburg Mining University hosted the International Forum-Contest "Mineral Usage Issues" on April 19-22nd. It is known all over the world as a platform where scientists and researchers present their developments in mining, geology, mining mechanics and labour protection, report on the results of their research and exchange experience. The main characteristic of the event is its contest status as the works are evaluated by the competent international jury. This year representatives of 33 universities and some industrial companies from 17 countries took part in the event.



The Donetsk People's Republic was represented by the delegation of the Institute of Mining and Geology of DonNTU headed by its director Prof. Bulgakov. The delegation consisted of Prof. Borshchevski, Prof. Karakozov, young researchers, postgraduates and students of DonNTU.

All works presented by them were topical and related with improvement of technologies and methods of mining and raise of efficiency and safety of miners' labour. The international jury gave high marks to the developments of the delegation members. They noted their readiness to be introduced into industrial usage. The delegation got two third class diplomas, two second class diplomas and they were the third in the team event. It yielded to the colleagues from Australia and St. Petersburg. We would like to make special mention of Mr. Bilous, Ms. Kolomoyets, Mr. Mozalevski, Mr. Churilov and Mr. Krisak.

The delegation of DonNTU emphasized that many participants of the forum, especially those from Western Europe, had demonstrated their keen interest to the representatives of the DPR as they did not believe that universities could function in the unrecognized state and new efficient scientific and technical developments could be created. Our developments were highly valued and the colleagues from Australia proposed establishing collaboration in mining, and the colleagues from India showed their interest in the possibility of sending their postgraduates to study at DonNTU.

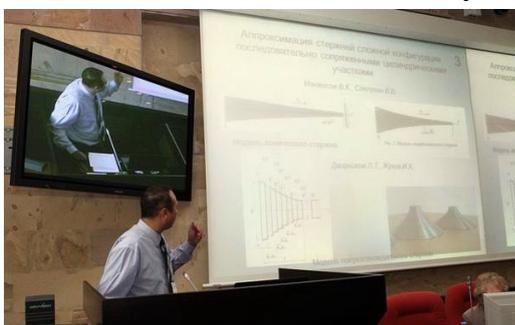
The Forum also helped establish new business contacts, coordinate priorities in scientific schools and strengthen creative collaboration of Donetsk researchers and their foreign colleagues.

Our Academics Made their Presentations at the Conference “Development of the Fundamentals of Science and Education in Construction” in Moscow

The XIV International Scientific and Practical Conference “Development of Fundamentals of Science and Education in Construction” was held in Moscow on May 18th. It was supported by the Institute of Fundamental Education and the Russian Academy of Architecture and Construction Science.

More than 80 people representing business-structures, research institutes, laboratories, scientific and industrial associations from Moscow, Yelets, Krasnogorsk (the RF), Donetsk and New Orleans (the USA) participated in the event.

The conference was to work out and develop new trends and fundamentals of research and educational activity, exchange experience in the field of the fundamental education and establish integration links between the representatives of scientific and industrial circles.



There were 6 breakup groups at the conference.

The presentations made at the plenary meeting combined fundamental and innovative approaches in development of modern branch science, fundamental and humanities education.

The Head of the Department of the Strength of Materials of DonNTU Dr. S Tsarenko made his presentation in calculation of dynamic influence of irregular shape bars at the plenary meeting.

The conference certificates were handed to all the participants.

The electron proceedings of the conference will come out soon.

DonNTU Participated in the II International Conference “Sustainable Development of Cities” in Yekaterinburg

The II International Conference “Sustainable Development of Cities” organized by Ural Federal University named after the first president of Russia B. Yeltsin was held on May 19th.

The world experts, scientists and representatives of power structures exchanged their experience in changing of city space, development of “green” technologies, knowledge in innovation and economic development.



The conference program consisted of two tracks -scientific and business.

Presentations of workers of key institutions and young researchers were made within the frameworks of the scientific track. The issue was the concept of “smart” cities, automated infrastructure, eco-design and architecture and “green” technologies.

The business track was addressed at the wider audience. The representatives of the largest Russian and foreign corporations discussed the issue of sustainable development of cities from different points of view: IT sphere, power engineering, construction, transport, housing and communal services, state power boards and those of local self-government.

DonNTU was represented by the Head of the Department of Economic Cybernetics Dr. A. Kolomytseva. She discussed the development of scientific and network collaboration between DonNTU and universities of Siberia in joint publications and patenting of educational information products and business-simulators.

An Important Statement of a Deputy of the European Parliament Made at DonNTU

The first antifascist forum of Donbass took place in Donetsk on May 3d. The delegations of the left wing from Russia and some European and South American countries participated in it. Public activists of foreign countries got the chance to find out the true reasons of the military conflict in Donbass and get acquainted with the most important objects of science, culture and art and know the history of the Donetsk Region better. The visit of the delegation of public figures from Italy to the



historical museum of Donetsk National Technical University was a symbolic event in this context.

The members of the group “Banda Bassotti” which is popular by the concerts to support the Donetsk and Lugansk People’s Republics, the members of Italian trade unions, journalists and a deputy of the European Parliament Ms Eleonora Forenza were the members of the delegation.

The famous painting of Donetsk artist Mr. Egor Kalmykov which is one of the most large-scale canvases in the world by its size and reflects 75 year way of development of DonNTU (painted in 1996) attracted attention of the Italian guests.

The university’s Rector Prof. Konstantin Marenich and some members of the administration spoke about the famous history of DonNTU. They also mentioned the events of 2014 when the Kiev’s government and their military forces made an attempt to wipe out engineering education of the young Republic. There is a collection of shell splinters by which the Military Forces of Ukraine attacked the buildings of DonNTU, the photos of destroyed buildings and portraits of the fallen students and the staff members in the museum.

One can still see the traces of the attacks on the walls of the buildings. The laboratory of steel electrical metallurgy the reinforced concrete roof of which was destroyed by a shell does not operate. The Italian guests were shown all this for them to tell the truth to Europe at last: the truth about events in Donbass, the truth about the terroristic nature of the Kiev’s government that made the army kill own people for their decision to protect their right to speak the Russian language and to protect their culture and history.

In the destroyed lab Prof. Marenich presented Ms. Forenza and the leader of the group “Banda Bassotti” with original souvenirs – models of the stamp # 39 of the Donetsk People’s Republic “Donetsk National Technical University” with a special postmark. He said that the stamp issued by the state board to honour the 95th anniversary of the university proved that science, education and people’s welfare but not the terroristic activity was the priority of the government of the DPR. Deputy of the European Parliament Ms. Eleonora Forenza said that the stamp would be kept in her office and she had all the reasons to struggle in the European Parliament for the official recognition of the Lugansk and Donetsk People’s Republics.

The 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: 1st building of Donetsk National Technical University, office 220; tel.: (062) 301 – 08 – 25; (062) 337 – 32 – 66; fax: (062) 304 – 12 – 78; URL: <http://donntu.org/international-cooperation/otdely-instituta-mezhdunorodnogo-sotrudnichestva> E-mail: ovs@donntu.ru