

## **DonNTU Hosts I International Conference “International Cooperation of Universities in the Republics which Gained Independence: State, Problems and Outlooks”**



On April 5<sup>th</sup> Donetsk National Technical University hosted I international scientific and practical conference “International Cooperation of Universities in the Republics which Gained Independence: State, Problems and Outlooks”. The first Deputy-Minister of Education and Science of the

DPR Mr. M. Kushakov opened it.

The Vice-Rector of DonNTU Prof. I.P. Navka was the conference and the round table meeting chairperson. DonNTU’s Rector Prof. A. Y. Anoprienko made its presentation “Technical University in the World”.

Dr. A. Leonova from Taganrog Institute of Management and Economics spoke on modern priorities of development of higher education in the RF and cooperation with the republics which gained their independence.

Heads of different structures of DonNTU and other universities of the DPR also exchanged their practice of international cooperation. The presentations made by Mr. L. Kastaneda (Problems of Enrolment, Legalization and Teaching Foreign Students in the DPR) and Ms. T. Sidlyar, the Director of Classical school #92 (Development of the Intellectual Potential of Students of Classical Schools as the Factor of Successful Self-Fulfillment of Personality in the DPR’s Higher School”) attracted the participants’ interest.

The participants of the round table meeting also discussed the issues of exporting of education services made by the DPR’s universities, getting of double degrees (forms, ways and goals), activating of research in the frameworks of the university international cooperation.

### **DonNTU’s Researchers Participate in IT and MM -2019 in Moscow**

Russian Economic University named after G. Plekhanov (REU) hosted the IX international scientific and practical conference “Information Technologies and Mathematical Methods and Economics and Management (IT and MM-2019) on

March 22-23d. Prof. O. Fedayayev and his postgraduate student V. Bakalenko participated in it.

Outstanding researchers and heads of key universities and companies of the RF made their presentation at the plenary meeting. Prof. Peters Benjamin from Yale University and the University of Tulsa (the USA) greeted the participants on Skipe.

The breakup group “Engineering of Companies Based on Modern ICT” attracted our participants’ professional and scientific interest. The issues of company system transformations based on modern information technologies were discussed there. Prof. Fedayayev and Mr. Bakalenko made their presentation “Medical



Information and Analytical System with the Speech Interface to Analyze Operation Results”. Researchers from REU, Research Institute “Voskhod”, the National Research University “Moscow Aviation Institute”, Kursk South-West State University and other institutions of the RF discussed the results of the research.

REU’s administration adopted Prof. Fedayayev’s individual plan for lecture delivery, supervision of yearly projects and diploma designs, participation in scientific conferences and seminars. This is going to help introduce Russian practice of teaching in DonNTU.

DonNTU has a cooperation agreement with the National Research University “Moscow Institute of Electronic Engineering”, the Honoured Doctor of DonNTU Prof. I. Kozhukhov ( awarded in 2018) being the official representative of the institution’s party in the agreement. Prof. Feyayev visited the university in the frameworks of the conference and had a meeting with Prof. Gagarina. He became familiar with some curricula and was offered to present his variants of interaction of the universities in joint training of master’s students and getting double degrees.

The papers of the participants are planned to be published in the conference proceedings and a number of famous scientific journals.

### **DonNTU’s Staff Members Participate in V St. Petersburg International Economic Congress**

DonNTU’s staff members from the Economic Department of DonNTU Dr. L. Shabalina, Dr. G. Shavkun and their postgraduate student A. Shcherbina took part in the V St. Petersburg International Economic Congress “ Foresight Russia: Technology, Economics and Man’s Future” on April 3d. The event was organized by the Institute of New Industrial Development named after Witte and supported by the Russian Free Economic Society.



The Congress is a large international site to discuss issues of economic theories and strategic models for social and economic development. More than 1000 participants have taken part in it this year. Russian and world key researchers, governmental authorities and representatives of public organizations and business communities of the UK, France, Greece, Hungary, Estonia, Kirgizia, Kazakhstan and Belarus were among them. 7 seminars and 7 round table meetings were organized in the frameworks of the event.

Dr. Shabalina made her presentation “Innovation Oriented Development of the DPR’s Industry” on the seminar “Russian Economics: Transformation Potential” which attracted the participants’ interest and was followed by an active discussion.

Dr. G. Shavkun made her presentation “Control of the Unrecognized Territory under the Conditions of the Digital Economics” at the meeting of the round table “Social Barriers and Drivers of Economic Digitization”.

Their postgraduate student A. Shcherbina participated in the meeting of the young researchers round table “Technological and Economic Transformations: the Role of Knowledge” and made her presentation “Population’s Life Improvement Based on the Development of the Technologies “Smart City”.

All speakers got certificates and sets of exclusive publications on modern trends in finance, industry and science.

DonNTU’s staff participation in the Congress proves their high qualification and topicality of the research made at DonNTU.

### **DonNTU’s Researchers Take Part in Traditional Drukerovski Readings in Moscow**

The Institute of Management Issues named after V. Trapesnikov of the Russian Academy of Science (Moscow) hosted the scientific conference “Information Economics and Knowledge Management” ( the 28<sup>th</sup> Drukerovski Readings) on April 8-10<sup>th</sup>. The delegation of the DPR, the representative of DonNTU being its member, participated in the event.

Scholars from different research and academic institutions of Russia made their presentations.

Dr. I. Kandaurova represented our university at the event. She made two presentations there: “Education System Modernization as a Precondition of the Human Capital Growth” and “Information



Component of Human Resources Development in the System of Company Competitiveness Growth”.

Her postgraduate students participated in the conference in absentia.

The conference papers had been published in the journal “Drukerovski Herald” by the beginning of the event.

### **DonNTU’s Academic participates in the XX April International Academic Conference, Moscow**

The National Research University “The Highest School of Economics” with assistance of the World Bank hosted the XX April International Academic Conference on Economic and Social Development on April 9-12<sup>th</sup>. About 2000 people participated in it including 200 foreign participants. DonNTU was represented by Dr. L. Shabalina.

The RF government members, representatives of the President’s administration, the World Bank staff, Economic Cooperation and Development Organization, Russian and foreign researchers, heads of Russian and foreign companies participated in the event. The President of the RF Mr. Putin sent his greetings to the conference participants. The Minister of Finance Mr. A. Siluanov was a distinguished guest.

The TV channel “Russia-24” and the radio Business FM reported the conference. The journals “Money and Credit” and “Economic Issues” were its information partners.



A wide range of topical problems related with economic development of the RF and its regions were discussed, issues of improvement of state administration and municipal service were defined, new approaches to solve current economic and social problems were offered.

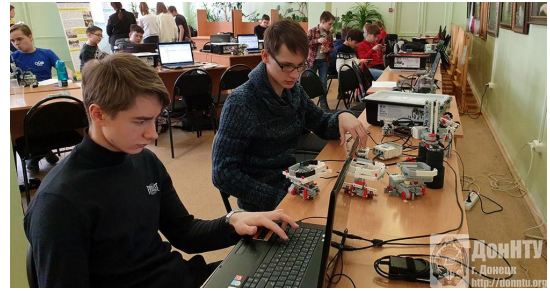
Dr. Shabalina also visited Economic Department of Moscow State Region University to arrange on joint research, methodological work and patriotic education of students.

### **DonNTU’s Students are the Winners of the Open IT-Championship in Russia**

The open IT-Championship in the sphere of information and communication technologies has been the symbolic event for Russian technological universities. Bryansk State Engineering and Technological University hosted it on March 25-29<sup>th</sup>. The students’ team of DonNTU took part in the event. Its members were V. Bezzub and G. Nemov, Dr. S. Neezhmakov being their supervisor.

The students had a task to design assortment and pre-packing of goods of different shape, colour and size with taking into account conveyor logistics.

Good knowledge in mechanics, electric drive, programming and control helped them not only look into the mechanisms and control system which they had not known before but also create and program the automated technological object functional specimen. The created product and the presentation won a high appraisal of the championship's jury. Our students got the winners' diplomas.



### **DonNTU's Student and His Supervisor Get Awards of the "Exponenta" Company**

MSTU named after Bauman hosted the VI All-Russian conference "Complex Technical Systems Adjustment and Development Technologies" on March 27-28<sup>th</sup>. It covered the issues of using of the design tools, model-oriented design in the special environment under the continuous education (curricula, teaching and methodological aids) and research.



The "Exponenta" Company, which is the official representative of MathWorks in Russia and the CIS, awarded the project Humanoid Robot made by the DonNTU's student I. Azin which ranked second in the contest. His supervisor Dr. P Rozkaryaka also got his reward.

### **DonNTU's Students Participate in the 69<sup>th</sup> International Students' Scientific and Technical Conference at ASTU**

Astrakhan State Technical University hosted the 69<sup>th</sup> International Students' Scientific and Technical Conference on April 15<sup>th</sup>. Nine our students participated in the on-line round table meeting "Modern ICT" organized in the frameworks of the event.

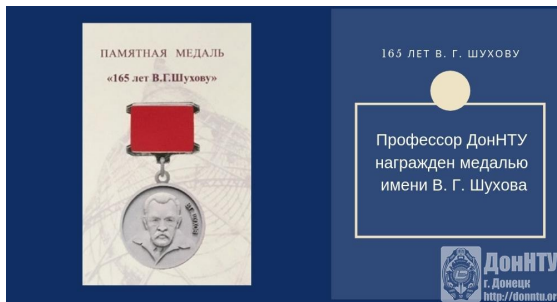


They made their presentations.

20 papers of our students will be published in the conference proceedings.

## DoNNTU's Professor Is Decorated with V. Shukhov's Medal

Prof. K. Marenich has been decorated with the commemorative medal “165<sup>th</sup>



Anniversary of V.G. Shukhov”. This symbolic event took place in Moscow. He got the award for his personal contribution in preserving and development of engineering heritage and active work in scientific knowledge promotion.

Prof. K. Marenich is a famous scientist working in the field of new technical solutions, safe operation and maintenance of industrial electrical complexes. He is also known for his activity in popularization of science, technologies, engineering education and informing the public on the outstanding role of DonNTU and its researchers in Donbass industry formation and development. His initiatives are as follows:

1. release of postage stamps devoted to DonNTU and its remarkable scientists;
2. stuffing of the DonNTU's museum exposition with operating devices which popularize science and engineering (Foucault pendulum, Tesla coil, and profile departments developments);
3. numerous interviews in mass media on achievements of DonNTU's staff;
4. rubric “Science and Engineering: with Simple Words about Complex Things” on “Oplot” TV channel and participation of the TV project “Donetsk Polytechnic” in the contest of Russian university TV programs;
5. preparation of materials on outstanding DonNTU's scientists for the cycle of programs “The Republican Radio” and “Fellow Townsman”;
6. topical presentations at numerous international forums and conferences in Moscow.

DonNTU's staff congratulates Prof. K. Marenich with this well-reserved reward.

**Reference** *Vladimir Shukhov is an outstanding Russian and Soviet engineer, a corresponding member of the Academy of Science of the USSR, the author of the first projects of Russian oil pipelines, technology of oil complete processing, and the concept of high pressure oil burners. He was the first ever to apply steel-mash coating to build high objects. He is the author of hyperboloid constructions and the project of the Shabolovka TV tower (Moscow) and the concept of modern railway bridges.*

**DonNTU Hosts the V International Scientific and Practical Conference  
“Sustainability Strategy in Economic System Anti-Crisis Management”**

DonNTU hosted the V International Scientific and Practical Conference “Sustainability Strategy in Economic System Anti-Crisis Management” on April 17<sup>th</sup>.

The event was aimed at integrating of the results of theoretical research and practice into solving the problems of economics strategic management under the crisis.

The representatives of science, business, and state administration from the DPR, the RF, Dagestan, Uzbekistan, Belarus and the LPR participated in the conference.

Rector of DonNTU Prof. Anoprienko greeted the participants at the plenary meeting.

The conference breakup groups were as follows: strategic guidelines of economic system sustainability strategy implementation, topical issues of human resources management, social and economic systems development modern vector. The issues of stable functioning of Republican branches and companies in the system of anti-crisis management were discussed, the role of the state administration boards in solving the problem of strategic management of the Republican economics were defined, the potential of integration cooperation in education and science were marked.

DonNTU’s library organized an exhibition on the conference subject matter.



### **DonNTU Welcomes VII International Scientific and Practical Forum to Celebrate 90<sup>th</sup> Anniversary of the Department of Buildings and Underground Structures Construction and Geomechanics**

DonNTU has hosted the VII international scientific and practical forum “Technologies and Processes in Mining and Construction”. It was held under the motto of “100<sup>th</sup> anniversary of DPI-DonNTU”. The event organizers were the



Department of Buildings and Underground Constructions and geomechanics which will meet its 90<sup>th</sup> anniversary this year, Tula State University and Belarus National Technical University (Minsk).

The Director of the Institute of Mining and Geology of DonNTU Prof. Y. Bulgakov greeted the audience. He emphasized the importance of mineral resources development for the DPR and stressed the necessity to use the underground with different economic purposes. He also noted the great contribution of the Department in training professionals for mining and construction and said the Department was one of the best at the university.

Foreign colleagues from St. Petersburg, Tula, Ukhta and Alchevsk greeted the participants on-line. The representatives of the Ministry of Coal and Energy of the DPR and republican companies and colleges congratulated the Department staff.



The Chairperson of the Conference Organizing Committee Prof. Borshchevski spoke on different stages of the Department development, its professors and graduates awarded with medals and orders, research work and laboratories. He mentioned methodological work of the Department in applied geology, mining, geodesy and oil and gas business.

Prof. Borshchevski thanked colleagues from profile ministries and boards, research institutes and universities of the DPR and from abroad for their contribution into joint scientific and pedagogic work and pinned his hopes on further fruitful interaction.

The conference participants made their presentations at breakup group meetings. They covered the issues of efficiency of design, construction and exploitation of mines, buildings and underground constructions; rational use of coalfield resources; rock destruction under drilling and explosion; mineral resource concentration and processing.

The XXV international scientific and technical conference of young researchers, postgraduates and students “Improvement of the Technology of Mine and Underground Construction Building” was organized in the frameworks of the event. The participants made 20 presentations which covered the issues of efficiency and safety of drilling-and-blasting operations construction technology improvement, different underground construction exploitation.

The final meeting summarized the conference; best presenters were awarded with certificates and outlined cooperation prospects.

### **DonNTU Holds XIII International Conference “Environmental Protection and Natural Resources Rational Use”**

The Faculty of Ecology and Chemical Technology held the XIII international conference “Environmental Protection and Natural Resources Rational Use” for students and postgraduates on April 16-17<sup>th</sup>. It was organized to celebrate the 150<sup>th</sup> anniversary of the city of Donetsk and the World Day of the Environmental Protection.

The university’s administration members, deputies of the People’s Council of the DPR, and members of the Committee of the People’s Council in Ecology and natural Resources greeted the participants.



The presentation made by the Head of the Department of Natural Ecosystems of the Biospheric Natural Zone “Khomutovskaya Steppe –Meotida” attracted participants’ interest and was followed by an active discussion in the aspects of peopleware of national parks of the DPR.

Presentations made at 11 breakup group meetings covered topical issues of ecological safety of different technological processes and flora and fauna protection. Representatives of universities from the DPR, Transnistria, the RF and Belarus had submitted their papers to the conference.

### **The Motorroad Institute of DonNTU Organizes the Open Internet- Conference “The First Step to Science”**

The Motorroad Institute (MI) of DonNTU organized the event “The First Step to Science” in the frameworks of the students’ open Internet-conference on April 2-4<sup>th</sup>.

It covered the following issues: motor transport, transport technologies, motor roads, ecology, economics and management, social and humanitarian issues, mathematics, physics, and chemistry.



MI’s students reported on their first research results. 136 papers from Saratov State Technical University named after Y. Gagarin, Orenburg State University, St. Petersburg State University of Architecture and Construction, Transnistrian University named after T.

Shevchenko, Bendery Polytechnic Branch, Bendery High Arts College named after V. Postokin had been submitted for publication. Foreign students participated in the conference via Skype.

The e-conference proceedings “The First Step to Science” were published. It can be found at the MI’s site.

### **MI of DonNTU Holds the International Students’ Contest “Motor Transport”**

The MI of DonNTU held the concluding conference of the international students’ contest “Motor Transport” on April 10<sup>th</sup>. It was devoted to the 60<sup>th</sup> anniversary of the MI.

The Organizing Committee had got 10 research projects from Bryansk State



Engineering and Technological University, Moscow Motorroad State University (its Makhachkala branch), Orenburg State University, Tula State University, Donetsk

Transport Academy, the MI of DonNTU, Gorsk State Agrarian University, and Transnistrian State University named after T. Shevchenko.

There were two stages of the contest. The projects were reviewed (including foreign reviewers) at the first one, and 7 of them were selected for the second stage. Foreign students defended their projects via Skype.

The winner diplomas and participant's certificates were presented by MI's Director Prof. M. Chaltsev.

### **MI of DonNTU Welcomes the Concluding Conference on the International Students' Contest "Transport Processes Technology"**

The MI of DonNTU hosted the concluding conference on the international students' contest "Transport Processes Technology" on April 11<sup>th</sup>. Students from the MI, Donetsk Transport Academy, Kuban State Technological University, Orenburg State University, Samara State Technical University, Irkutsk National



Research University, South-Ural State University, and Belgorod State Technological University named after V. Shukhov, the Institute of Transport and Logistics of Lugansk National University named after V. Dal, and Gorsk State Agrarian University had submitted 23 projects 6 of which were selected for the defense at the concluding stage.

The winners were awarded diplomas; the participants got certificates and the project supervisors were officially thanked.

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: 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: <http://donntu.org/international-cooperation/otdely-instituta-mezhdunorodnogo-sotrudnichestva> E-mail: [ovs@donntu.org](mailto:ovs@donntu.org)