



DonNTU is 95 years old! Our congratulations, dear DonNTU!



Dozens of the world universities from different countries and continents are sending their greetings to DonNTU on the occasion of its 95th anniversary. First of all, these are St. Petersburg Polytechnic University, Russian Economic University named after G. Plekhanov (Moscow), and the Technological University named after S. Bolivar (Peru), the universities from Syria, Cuba, Africa, Turkey and other countries where our graduates work and where Donetsk Polytechnic is a brand.

Here are some letters of greetings. The Head of the Department of Political Economics of Russian Economic University named after G. Plekhanov Prof. R. Dzarasov: “Dear Prof. Marenich, I would like to congratulate you and the staff of Donetsk National Technical University with the jubilee. We have always felt friendliness and received hearty welcome of your university’s staff. We would like to use the opportunity and wish personally you and the remarkable staff of DonNTU health and every success in your activity for the benefit of science and education of the Donetsk People’s Republic.”

This letter is from Ecuador:

“I would like to congratulate all academics who gave their patience and heart to the young people who had wanted to realize their dream of getting education which had been impossible in their native countries. You helped not only the students but also their countries’ development. My name is Medina Capello. I am a professor from Ecuador. I can’t forget the years of my studying, my teachers, group mates and roommates, and all the people who helped me become the first system engineer in my country. I remember kind and hospitable people from the city of Donetsk. I am sending my hugs and greetings to all of them!”

“I am Goma Grass and I am from Congo. I would like to send my sincere greetings to DonNTU with its 95th jubilee! Many thanks to all the people who worked and are working at the university! I am grateful for the knowledge and experience I gained. I was a foreign student there, and remember my university years. Due to the help of the staff and students I got to know the unknown culture and language. It is of great help to me now. I wish DonNTU to go on flourishing and receiving new students for many, many years! I wish health and a long life to our teachers! I am proud I was a student of Donetsk National Technical University!”

“My name is Anas al Samyr. I am from Syria. I would like to come back one day and see those who taught and supported me!”

“I am Seidekhmelian Meradgi and I am proud I was a member of DonDTU’s family. You are celebrating the 95th anniversary and I wish I were with you to welcome a new student and tell him my progress is due to the fact I was a part of the big family. I was a successful master’s student. I love you, DonNTU!”

“I, Guilermo Khimenes, am sending my hearty greetings to the academics and the staff and friends of Donetsk Polytechnic Institute. In 1972 7 students from Cuba graduated from DPI and then three of them defended their dissertations. It was long ago but we remember Donetsk and our friends. Every time we meet we recollect those nice years of studying which was the happiest period in our lives!”

“My name is Ozgyur Gyunesh from Turkey and I would like to tell you that your students love and remember you although they can’t be with you in Donetsk this year. I am sending my congratulations and wishes of health to all of you!”

Many of the respondents ask us to help in finding their old friends and teachers. “I would like to find my teacher of political economy whose name is Larisa Ivanovna. She used to live near the stadium of “Locomotiv”. I can’t get through. Her phone number is silent. We loved her very much and she was like mother to us. I’m afraid something wrong happened to her. We are worried because of the changes which have taken place in your lives and the bad news of the war in Donetsk.” Unfortunately, we had to inform that Larisa Ivanovna had died...

We could cite many fragments of the letters. We are happy to make a conclusion that the work of our teachers was not useless. The University brought up not only specialists for other countries but also the friends of our Motherland! We go on receiving greetings!

A NEW AGREEMENT ON INTERNATIONAL COLLABORATION IN THE NEW HISTORY OF DONNTU WAS SIGNED WITH THE COMPANY OF PROMTECHNOLOGIA (KAZAKHSTAN)

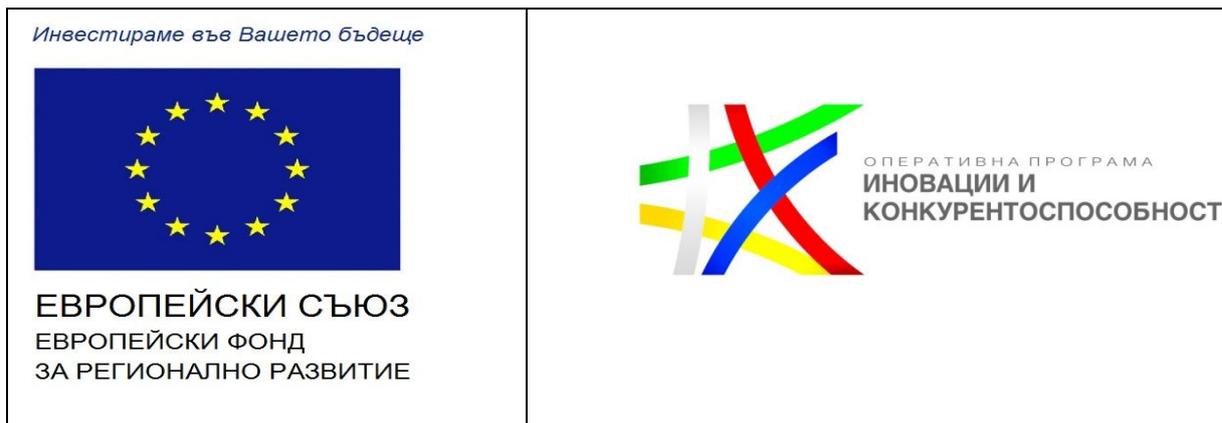
On May 11th 2016 the Institute of Mining and Geology of DonNTU in the person of Dr. A. Korchevski and the company Promtehnologia in the person of its Director Ms. A. Sugembayeva signed a collaboration agreement which is the 36th one in the new history of DonNTU. The agreement implies the following activity:

- joint research and innovation projects;
- joint academic and research events such as courses, seminars, conferences, symposia and lectures;
- academic and research exchange;
- the staff advanced training;
- exchange of bibliographic and information materials of mutual interest;

- joint supervision and development of ecological programs in raw material usage and waste control.

It is very important for the young Republic to develop relationships with the Republic of Kazakhstan.

The Head of the Department of Mineral Concentration is an independent expert in innovation projects



The logo of the European Union and the Operational Program
Photo: A. Korchevski

To develop the EU's economy (including that of Bulgaria) the European Commission has launched some operational programs. Their priorities are as follows:

- competitiveness raise of small and medium companies with the help of investments in innovations including information technologies;
- environment protection due to the energy efficient equipment and wide application of renewable energy sources;
- development of agricultural regions and agricultural tourism; creation of companies to produce and process agricultural products;
- development of fishing regions and fishy markets.

In May 2016 Dr. Korchevski was elected to the expert commission as an independent expert in innovation projects. He represents the company Eco Resource Engineering (Bulgaria) with which DonNTU has signed a bilateral collaboration agreement.

The independent expert is to

- Analyze the project idea concerning its correspondence to the requirements of the operational programs.
- Chose the EU current program(s) which correspond to your program.
- Review a business-plan.
- Preparation and submission of the documents to the corresponding ministry which is responsible for the program implementation.

We would like to thank Dr. Korchevski for his contribution into the development of our collaboration with Bulgaria.

International forum-contest “Issues of Mineral Usage”



St. Petersburg Mining University, which is the first higher education institution in Russia, hosted the International Forum-Contest “Issues of Mineral Usage” on April 20-22. Delegations of 55 universities from 17 countries were present there. The most numerous of them were the delegations of Germany (48 participants), Poland (38 participants), the Donetsk People’s Republic (23 participants), Belarus (16 participants) and China (11 participants).

The organizers and members of the expert jury were the heads of subdivisions of different large gas and oil companies. They noted the high scientific and technical level of the submitted works and readiness of the majority of them to be implemented into production.



The teams of DonNTU (the supervisor – Prof. S. Borshchevski, the Dean of the Mining Faculty) and the Republican Research Institute of Mining Geology, Geomechanics, Geo-physics and Mine Survey (RANIMI) (the supervisor- Prof. N. Grishchenkov) performed very well.

The winner of the breakup group Complex Development of Gas and Oil Deposits and Transporting of Hydrocarbon Raw Material in the nomination The Best Postgraduate Student and Young Researcher Ms A. Popova (Mining and Geological Faculty of DonNTU) informed her colleagues on development of a rock cutting diamond tool made of synthetic mono crystals for geological prospecting holes drilling. The student of the Mining Faculty D. Mosalevski ranked second in the nomination of The Best Student of the breakup group Modern Technologies of Construction of Buildings and Objects of a Mineral Complex made his presentation on research in concrete fibro base and its usage in underground construction. The student R. Troitskaya who ranked third in the nomination of The Best Student in the breakup group Economic Mechanisms of Innovation Development spoke on the mechanisms of coal sale for sustainable development of coal mines.

Our graduates working at the RANIMI ranked second. All in all the delegation of DonNTU representing the DPR got six awards! They also got in touch with the



The diplomas our students and researcher were awarded

Photo: S. Borshchevski

participants from Canada, China, Russia, Azerbaijan, Finland, Indonesia, Germany and Australia.

We congratulate the winners! Keep it up!

Development of collaboration with Moscow

In April 2016 the Head of the Department “Programming Engineering” Dr. O. Fedyayev was invited to visit Russian Economic University named after G. Plekhanov to make his presentation at the 19th Russian Scientific and Practical Conference “Company Engineering and Knowledge Control”.

Researchers from Moscow, St. Petersburg, Novosibirsk, Saratov, Belgorod, Minsk and Donetsk made very interesting presentations at the conference.

Dr. Fedyaev took part at the work of the breakup group Knowledge Control and Information and Analytical Systems where such topical issues as network, virtual, intellectual and SMART Company forms applying multi agent technologies and service oriented architectures were discussed. Dr. Fedyaev made his presentation “Application of Artificial Neural Networks to Identify Dependence of Students’ Residual Knowledge on their Mentality.”

During the discussion of the presentation Dr. O. Fedyaev was proposed to collaborate with Moscow State Technical University named after N. Bauman in research of company intellectual models based on multi-agent systems of collective interaction.

When the conference was over Dr. Fedyaev visited the Department of Programming Engineering at the National Research University “The Highest School of Economics” (Moscow). He invited the Department staff to take part at the International Scientific and Practical Conference “Programming Engineering: Methods and



Technologies of Development of Data-Processing Systems”, which is going to be held at DonNTU in the autumn. Dr. O. Fedyaev was presented with some books one of which will be very useful as it has the Code of Knowledge (the international standard) in software SWEBOK engineering. He was also happy to know that the graduate of DonNTU Dr. Rodrigues Antonio was working at the university.

At the end of the visit the reasonability of signing of a collaboration agreement between the Educational and Research Centre “Cybernetics” of Russian Economic University named after G. Plekhanov and DonNTU was confirmed.

Collaboration between DonNTU and BelSU



Prof. G. Averin from the Department of Computer Simulation and Design made his business trip to Belgorod National Research University in February-May 2016.

He delivered lectures in system dynamics, worked at coordination of curricula of both universities in computer science and technologies, worked with the university's automated systems "Academic Process", "Rating" and "Pegasus", prepared and submitted some joint papers to editions

included into the scientometric database Scopus and formed some proposals as to the collaboration with BelSU.

II International Scientific and Practical Students' Conference Science Looks Ahead



Six students of our university took part at the II International Scientific and Practical Students' Conference Science Looks Ahead in Lugansk. They made their presentations in French. The topics were both technical and linguistic. All of them got certificates of the conference participants. The first year student F. Kosolapov ranked second in the contest of students' presentation and was awarded a special diploma for the scientific

topic developing. **We congratulate the participants and their supervisors!** We hope for the further fruitful cooperation with Lugansk State University and believe academics and students of both institutions can represent results of joint research work at different conferences.

The round work table with French political scientists

The round work table meeting “The Situation in Donbass in the Context of Modern Geopolitical Processes” took place in Donetsk on May 10th. The Chairperson of the People’s Council of the DPR Mr. D. Pushilin, deputies of the People’s Council, French political scientists Emmanuel Leroy, Philippe Migault, Xavier Moreau, and Nikola Mirkovic took part at it. DonNTU was represented by Prof. I. Navka, Vice-Rector, Prof. G. Klyagin, the Dean of the French Engineering Faculty, and Dr. E. Sidorova, the Vice-Dean and the editor-in-chief of the newspaper Sans Frontieres.



The event was organized by the Committee of the People’s Council of the DPR in Foreign Affairs and International Links and Donetsk French-Russian Institute.

In his opening speech Mr. Pushilin said: “If the world hadn’t changed the form it kept for dozens of years, there would not have been any war in Donbass. It is a bad thing when leverage on all the countries is concentrated in the hands of one country. This did not do any good for the countries which wanted to develop. We saw how it affected Yugoslavia, Iraqi, Libya, Syria and Donbass. We were the witnesses of the coup d’etat and could not stand it. Of course, we did not expect all the power of aviation and modern weapon and artillery to be used against us. But it was used against Donetsk and Lugansk. Now, when there is a positive solution of Syrian problem and Russia

demonstrated its solving of the world threat by open methods there is some ‘warming’. We see that Russia’s open position is more efficient than that of the opponents. The aggression organized by Kiev made us stronger and helped form all branches of government and other elements of the statehood. We are setting the life of the Republic though our resources are limited. We are to concentrate all the efforts to solve any conflict with a peaceful and diplomatic method. Our task is to use our experience to its best.”

The Vice-Rector of DonNTU Prof. I. Navka made his presentation “The War as a Factor of Destroying of Civilized Processes in the Society.”

The French guests made their presentations in American strategies being preconditions for the crisis in Europe. They spoke about free speech in the French mass media and its role in reporting the situation in Donbass and their own vision of the sources of the war in Donbass. The French political scientist and military expert Mr. Xavier Moreau confessed: “The leading countries of the European Union defend not democracy but the chimera consisting of nationalism, pseudo freedom and different manipulations. The chimera is very cruel as to its opponents. But time puts everything on their places. Now it is vivid that France has made a mistake as to its opinion on the war in Donbass.”

I International Scientific and Practical Conference “Topical Issues of Economics and Management: Theoretical and Applied Aspects”

The Department of Company’s Management of the Road Transport Institute of DonNTU hosted the I International Scientific and Practical Conference “Topical Issues of Economics and Management: Theoretical and Applied Aspects” on May 18th 2016. The XXI century faced economic globalization and complex political processes. The Donetsk Region came across all the negative results of the processes- the war, political non-recognition and economic blockade. We know very well now that development of our region is impossible without economic growth and people representing a new economic structure. The main task is to preserve the accumulated scientific potential and all the best aspects of education.

That is why the conference united the efforts of students and postgraduates from Russia, Ukraine, Belarus, the DPR, and the LPR to solve the problems the non-recognized republics faced in economics and management. There were 50 participants from universities, colleges, research institutes, public authorities and local bodies from the above mentioned countries.

There were 9 breakup groups at the conference. They discussed the issues of the economic system control theory, economic development global tendencies, company’s



economics and management, regional and social economics, personnel administration, investment activity, ecological management, mathematical methods and models in economics.

The conferences like this show the high level of knowledge our specialists have and the interest of the fraternal nations in collaborating with us.

X International Scientific Conference for Students and Postgraduates “The Environment Protection and Rational Usage of Natural Resources”



DonNTU hosted the X International Scientific Conference for Students and Postgraduates “The Environment Protection and Rational Usage of Natural Resources” on April 13-14th 2016. The event was devoted to the 95th anniversary of DonNTU and the 50th jubilee of the Department “Applied Ecology and the Environment Protection”. 197 participants represented 25 universities

from the DPR, Russia, Belarus and Bashkortostan. They made 140 presentations. Among the guests of honour there were the Rector of DonNTU, the Deputy Head of the Ecology Board of the DPR, the members of the Committee of Ecological Safety of the DPR and some staff members of South Federal University (Russia) who also made their presentations.

The participants discussed the issues related with neutralization of gas release, sewage treatment, anthropogenic impact of the industrial company activity on the environment, industrial waste utilization etc.

The conference level was high and demonstrated the reasonability of its holding in the future.

International Scientific and Technical Conference of Young Researchers, Students and Postgraduates “Modern Technologies of Mineral Resource Complex Processing and Concentration”



On April 21st 2016 DonNTU hosted the International Scientific and Technical Conference of Young Researchers, Students and Postgraduates “Modern Technologies of Mineral Resource Complex Processing and Concentration”. It is an annual conference which has been held at the Department for more than 25 years.

There were 54 participants with two of them making their presentations on the Skype. They represented the companies “Uglecchestvo” and Eco Resource

Engineering, the Transport and Economics College of Donetsk and the Mining Faculty of DonNTU.

The presentation “Factors that Influence Coke Coal Quality Control under Concentration” made by our student A. Miroshnichenko was of particular interest.

International Scientific Conference “Forms and Mechanisms of Social and Historic Continuity

On April 22nd 2016 the International Scientific Conference “Forms and Mechanisms of Social and Historic Continuity” took place at DonNTU. The departments of the Social Science and Humanities of DonNTU and Donetsk National University of Economics and Trade named after M. Tugan-Baranovski were its organizers. 50 participants represented the DPR, the LPR, Russia and Belarus.

The main issue discussed at the conference was contests in university’s disciplines which are the integral part of students’ research work. They make the students’ knowledge more profound, develop their talents and logic thinking and widen their outlook. They also help check their skills and compare them with those of other students.



The contests in university’s disciplines unite students and academics and motivate collaboration. To take part at the event means to gain new knowledge necessary for the further professional activity, to get ready for exams, to get experience of working with both students and teachers, develop their own interest and

abilities, to self-realize and spend free time.

13th International Scientific and Practical Conference “Modern Issues and Prospects of Economics Development”

The Department of Economics and Marketing of DonNTU organized the 13th International and Practical Conference “Modern Issues and Prospects of Economics Development” on May 19th 2016. The students from Belarus National Technical University, Donbass State Technical University (the LPR), Kuban State Technological University (Russia), the Management Academy of Belarus and DonNTU discussed the issues of formation of the economic strategy under the modern conditions, restricting of industrial companies, development of new products, new product market development, and better performance.

XX Student's Conference "The World around us. The Life in the XXI Century"

The French Language Department of DonNTU held the XX Students' Conference "The World around us; The Life in the XXI Century" on May 18th 2016. There were two breakup groups: the world and engineering scientific and technical panorama and the world social and cultural panorama. Students and postgraduates of the French Engineering Faculty made their presentations in French. The best presentations were awarded diplomas and all the conference participants got certificates.



INTERNATIONAL COLLABORATION IN PERSONS KARL BERNHARD FRIEDRICH

Professor Karl Bernhard Friedrich was awarded the title of Honoured Doctor of DonNTU in 2011. He is an expert in metallurgy and electro-pyro-hydrometallurgy. He has got his degree at Aachen Technical University and defended his doctoral dissertation in 1988. Since then and up to 1995 he worked in industry and headed the research centre of the largest electrometallurgical company GfE. The company produced heat-resisting alloys, iron alloys, modern materials such as titanium hydrides and intermetallic compounds, dealt with metal processing and waste utilization. In 1995-1999 he worked as the general manager of the transnational company Varta Batterie AG in Germany and the Czech Republic, the head of the research centre "Accumulator Innovation Systems", the coordinator of the research centre "3C-Alliance (Varta-Toshiba-Duracel)". In 1999 he came back to Aachen Technical University and headed its Institute of Metallurgy and Waste Treatment. He was elected the university's senator, the first Vice-



Dean and the Dean of the Mining and Metallurgical Faculty. Prof. Friedrich published more than 200 papers in metal and alloy quality raise based on electrometallurgical and hydrometallurgical processes.

Prof. Friedrich supports our University. Due to his assistance the staff members and students prepared and submitted applications to get grants in the frameworks of the programs TEMPUS, DAAD/Eulerfor and the European framework program EP7. The staff of Donetsk National Technical University would like to thank Prof. Karl Bernard Friedrich for his support which is very significant to us in this difficult period.

The Republican Students' Conference "Lomonosov's Meetings; History and the Present of Physics"

DonNTU hosted the Republican Students' Conference "Lomonosov's Meetings; History and the Present of Physics" on April 23d 2016. The conference was devoted to the 95th anniversary of DonNTU. Its founders were the Department of Physics and the Research Laboratory of Interaction of Hydrogen with Metals and Hydrogen Technologies.

The breakup groups discussed the issues related with achievements of pre-quantum physics, modern physics and its future, hydrogen and alternative energy and material hydrogen treatment.

The participants of the conference were 80 students of DonNTU, Donbass Academy of Construction and Architecture, Donetsk Engineering Lyceum № 37, Makeevka Industrial and Economic College, Donetsk School of Information Technologies, and Donetsk Physical and Mathematical Secondary School № 35.

They made 67 presentations (many of them were computer) which were included into the proceedings of the Conference. The material would be of interest for students of colleges and schools studying not only modern aspects of science development but also its history.

The conference achieved its goal – to activate students' cognitive activity, realize their creative abilities, support talented students, raise the quality of specialist training and give the youth the chance to be erudites, to know the engineering world history and that of our country.



The Contest in the Russian Language at DonNTU

The traditional University's Contest in Russian took place on April 26th at DonNTU. This time it was devoted to the 45th anniversary of the Department of the Russian and Ukrainian Languages and the 95th anniversary of DonNTU. The main illumination of the event was its women's final.

The participants of the Contest were 40 second year students of DonNTU.

The event had two stages. During the first one the participants were to take a computer test on basic competences of the Russian language. The second stage implied speaking on one of the topics proposed by the jury beforehand.

Only those who scored minimum 80 points during the first stage were allowed to the second one. The final stage was reached by girls (what a nice coincidence!) only. The finalists spoke about their future profession, their Faculty, famous graduates of DonNTU, and their native city. The winners of the Contest are Ms. D. Nazarova, Ms.I. Mukhaeva, and Ms. S. Vorona.

The other participants demonstrated their high level of knowledge of Russian. All of them were awarded diplomas and certificates.



The analysis of the contest results showed how the students of engineering specialities of our University were eager to do the Russian language tests properly and did their best to make the oral presentations. The students say they realized that to be the winner in the contest you did not need to be a genius or a “nerd”. Every student could be

the best one as soon as he is in the excited sphere of knowledge search and getting.

The Newsletter is prepared by the International Office of DonNTU.

Should you have any questions or offers as to the published material, please contact 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://iic.dgtu.donetsk.ua/> E-mail: ovs@pop.dgtu.donetsk.ua