

## International Collaboration in Persons: A New Honoured Doctor of Donetsk National Technical University



### Dr A.V. Khandozhko gets his Honorary Degree

On April 28<sup>th</sup> the Head of the Department of Metal Cutting Machines and Tools of Bryansk State Technical University (BSTU) Prof. A. Khandozhko was awarded the degree of Honoured Doctor of DonNTU. The ceremony was held at the meeting of the Academic Board. Dr. Khandozhko got his degree for many-year collaboration between DonNTU and BSTU, and assistance in training students, postgraduates and doctoral students. The solemn oath was read by one of the eldest professors of DonNTU V. Prisedski, and the Rector of DonNTU Prof. K. Marenich presented the honorary diploma.

Prof. A. Khandozhko thanked the Academic Board of DonNTU and those present in his speech in reply. He spoke about the glorious stages of collaboration of DonNTU and BSTU and mentioned that the degree he had just got was one of the most valuable and honorary awards.

DonNTU continues its collaboration with BSTU and now it gained a new impulse. DonNTU signed its international collaboration agreement with BSTU in 1997 and re-concluded it in 2014.

Prof. A. Mikhailov from DonNTU and Prof. Khandozhko are responsible for the agreement from both parties. Prof. A. Khandozhko is well-known not only in Russia but also far abroad. He published monographs and textbooks and more than 200 scientific papers. He has been awarded a number of international orders, medals and

honorary decorations. Prof. Khandozko joined the International Union of Mechanical Engineers in 2005.

The main stages of collaboration between DonNTU and BSTU are as follows:

1. The Candidate's and Doctoral Dissertation Defense International Board was established in 2015. Scientists from DonNTU, BSTU, and LSU named after V.Dal, and SevSU took part in the work of the Board.
2. Both universities have made some joint international research since 1997.
3. Both universities have held 23 joint scientific and technical conferences "Mechanical Engineering and the Technosphere of the XXI Century" in Sevastopol.
4. Both universities have held 8 joint international scientific and methodological conferences "Modern Problems of the Technosphere and Engineer Training" in Tunisia.
5. Both universities have held 16 joint international scientific and technical students' conferences "Automation, Quality and Mechanical Engineering Technologies" in Donetsk.
6. A number of international conferences in Bryansk have been organized.
7. The delegations from both universities visited laboratories, departments and faculties at both institutions.
8. There is a constant exchange of scientific and technical information, books, curricula and programs between the universities.
9. The researchers of both universities exchange textbooks, methodological literature and information on development of mechanical engineering technologies of both countries.
10. In 2000 both universities took part in the establishment of the international public organization the "International Union of Mechanical Engineers".
11. BSTU was active in rendering humanitarian assistance to the staff of DonNTU under the current difficult geopolitical situation.

The list can be prolonged.

### **III International Scientific and Practical Conference "Modern State and Municipal Management: Problems, Technologies, and Prospects"**

On April 2017 the Department of Economic Theory and State Management of Engineering and Economic Faculty and the State Management Magistracy held the III International Scientific and Practical Conference "Modern State and Municipal Management: Problems, Technologies and Prospects".

The Rector of DonNTU Prof. K. Marenich, the First Deputy-



Minister of Education and Science Mr. M. Kushakov, the Dean of the Engineering and Economic Faculty Ms. V. Zhilchenkova greeted the participants at the plenary meeting. They expressed their hopes for the Conference to give a new impulse to the interaction of the theory and practice of the state and municipal management.

The subject-matter of the conference was rather wide. The participants discussed the theoretical and methodological foundations of the state management and organizational issues of its implementation, the informational support of the management and innovation changes taking place at the state management under the processes taking place all over the world.

There were more than 180 participants who had submitted about 150 papers. The opinions of researchers, practitioners, and the representatives of the administration boards and the civil society were discussed. The communication in the frameworks of the single scientific space can help form the integral point of view on many processes taking place in the Donetsk People's Republic and search new efficient ways of its development. We hope that the results of the discussions will be introduced into practice and improve the state and municipal management in the DPR.

### **The Associate Professor of DonNTU Dr. Inna Kovalyova is a Winner of the Diploma of the Contest “A Young Academic of Moscow’s Universities 2017”**

The final stage of the pedagogic contest “A Young Academic of Moscow 2017” took place at the Russian Prospecting University named after Sergo Ordzhonikidze on April 13<sup>th</sup> 2017. The best young academics of the capital and their support groups participated in three competitive tests to identify the supreme winner. This year it is the academic of MSTU named after N. Bauman Vladimir Lazarev.

Participation in the contest is very useful as allows exchanging of advanced teaching experience with talented and creative academics and improving quality of higher professional education.

It's the first ever participation of the delegation of the Donetsk People's Republic in the contest. Donetsk National Technical University was represented by Dr. Inna Kovalyova. Despite her young age,



**The Associate Professor of the Department “Mining Electrical Engineering and Automation named after Prof. R. Leibov Dr. Inna Kovalyova and the Rector of DonNTU Prof. K. Marenich  
Photo: Site of DonNTU**

It's the first ever participation of the delegation of the Donetsk People's Republic in the contest. Donetsk National Technical University was represented by Dr. Inna Kovalyova. Despite her young age,

she has a number of important achievements: a degree of the Candidate of Science; she is the author of two scientific monographs and three text-books; and she also supervises postgraduate students.

She passed the correspondence elimination stage of the contest and reached its final. Dr. Kovalyova was awarded a diploma and a valuable gift. We congratulate her with the success, wish her further victories and thank the organizers of the contest for the opportunity given to the academics of the DPR to participate in such important events as this one.

### **Academics of DonNTU at the Moscow Economic Forum**

The V Moscow Economic Forum (MEF-2017) “The World History Turn: A New Strategy of Russia” took place in Moscow, at “Shuvalovski Building” of Moscow State University on March 30-31<sup>st</sup>. It is an international expert platform to develop new strategic solutions and anti-crisis programs aimed at economic development. The Forum’s organizers were as follows: Prof. V. Sadovnichy, the Rector of Moscow State University; Mr. K. Babkin, the President of the Industrial Association “New Community”; Mr. R. Grinberg, the Director of the Institute of Economics in research; Mr. G. Kolodko, a professor of Kozminski University, the



**MEF-2017 LTR: O. Sharnopolskaya, I. Kondaurova, M. Zorina**

**Photo: I. Kondaurova**



**MEF – 2017 The Rector of MSU Prof. V. Sadovnichy makes his complimentary address.**

**Photo: I. Kondaurova**

Deputy Prime-Minister and Finance Minister of Poland (1994-1997, 2002-2003); Mr. J. Galbraith, the Head of the American organization “The United Economists for Cuts in the Armory” (ECAAR); Mr. M. Richerry, the General Secretary of the European Institute of Political, Economic and Social Research (EURISPES); Prof. A. Nikipelov, the Director of Moscow School of Economics; Prof. A. Buzgalin from the Faculty of Economics of MSU; Mr. Daisuke Kotegawa, the Executive Director of the International Monetary Fund representing Japan in 2007-2010 and other representatives of science and business.

According to the established practice the representatives of DonNTU Ms. O. Sharnopolskaya, Ms. I. Kondaurova, and Ms. M. Zorina took part at the MEF-2017 and the 24<sup>th</sup> Drukerovski Reading.

There was a final plenary discussion. Mr. R. Grinberg, the Co- Chairperson of the Forum said that five years before the Forum had been formed as the platform where people having different world outlooks could represent their opinions. The opinion pluralism is still the key element of the MEF.

It is to be mentioned that the Forum was a well-organized and a large-scale event. The majority of the projects was highly competent and worked out in details. Despite the bad weather in the capital, the meetings were warm and favourable for discussion of serious economic and political subject-matters.

### **DonNTU – the Academy IIEPU: New Collaboration Prospects**

The delegation of DonNTU has attended the International Independent Ecological and Political University, a Moscow higher education institution the collaboration with which is developing. The visit was organized within the frameworks of the V Moscow Economic Forum. Some topical issues of research and academic activities between educational establishments of the RF and the DPR were discussed.

The joint scientific and technical conference “Ecological Situation in the Donetsk



#### **Participants of the meeting at the Academy IIEPU**

**Left to right: Ms. I. Kondaurova, Prof. S. Stepanov, Ms. O. Sharnopolskaya, Prof. V. Potapov, Ms. M. Zorina**

**Photo: I. Kondaurova**

Region: Safety and Rehabilitation of Affected Territories for their Economic Revival” will take place on May 17<sup>th</sup>-18<sup>th</sup> in Donetsk. It will be held in the frameworks of the III International Scientific Forum “Innovative Prospects of Donbass: Infrastructural, Social and Economic Development”. The delegation (Ms. O. Sharnopolskaya, Ms. I. Kondaurova, and Ms. M. Zorina) discussed the issues on coordinating of work of the breakup group with the

President of the Academy Prof. S. Stepanov and the Director of the Institute of Ecology and Nature Management Economics Mr. V. Potapov.

Studying of methodology of training courses and curricula of the Academy will improve the quality of training at DonNTU and help further integration of the academic process into that of the RF.

Strategic guidelines of the joint academic and research activity to form the strategy of sustainable development of economic systems under the current conditions were also discussed.

## DonNTU's Academics Take Part at the Exhibition "Electro-2017" in Moscow

In April 2017 the academics of DonNTU S. Derkachov and A. Fyodorov visited the international exhibition "ELECTRO -2017". The advanced developments and equipment samples of Russian and foreign countries were displayed there. Our academics exchanged contacts and agreed on potential collaboration with such companies as "Ecra", "Transformer", "Cheboksary Electric Device Plant", "Moscow Plant of Switching Equipment", the companies "RATON", «Alageum electric», «Klemsan electric electronics», «RENLE», «Hawa».

The producers of electric equipment and relaying devices participating in the exhibition are ready to give the samples of their products to the Electrical Engineering Faculty of DonNTU and train students to adjust and maintain the devices. Our academics also got documentation on the equipment produced by key companies. It will be used in yearly and diploma projects of our students.

We plan to establish close contacts with the equipment producers and organize practice course for students of DonNTU at the companies.



The exhibition "Electro-2017"

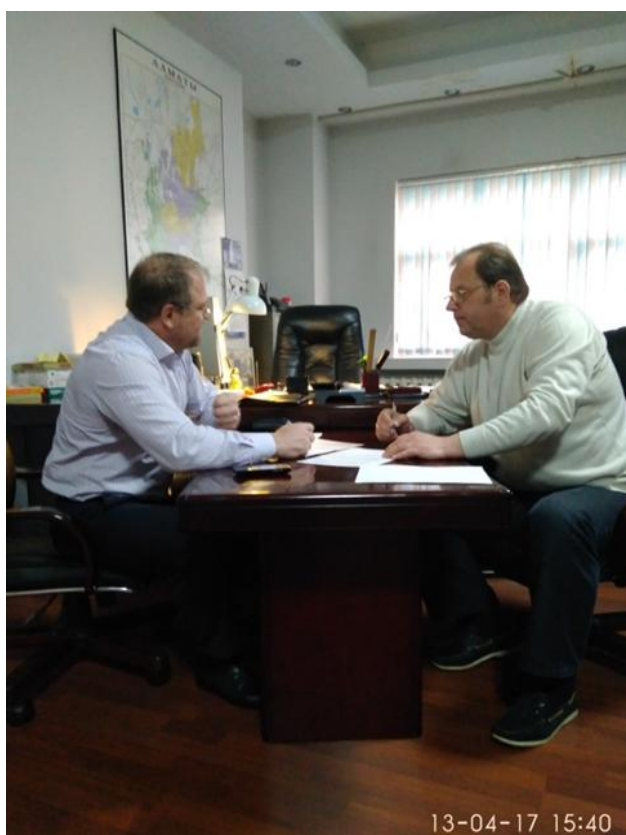
Photo: S. Derkachev

## Collaboration with the Company "Sontex Technology"

Prof. A.N. Korchevski has taken part at the technical panel and the round work table organized by "Sontex Technology" (Almaty, Kazakhstan), the joint with Turkey Company.

The prospects of collaboration in industrial waste complex treatment and utilization and building raw material production were discussed.

The company "Sontex Technology" produces build concrete of different modifications and grades and non-steam-cured foam concrete. It also has a plant that produces pressed burnt ceramic and airbrick.



Prof. Korchevski got the information on the current state of the complex treatment of secondary waste in nonferrous metallurgy in Kazakhstan. He also discussed the issues of application of by-product inert materials of treatment of copper slag under the construction material production in the Karaganda and the Almaty Regions, visited some companies of the mining and treatment complex and coordinated collaboration agreements with some interested subjects.

### **Collaboration with the Company “Advanced Technology Systems”**

Dr. S. Khrapko visited the company “Advanced Technology Systems” (Lyubertsi, the RF) in January-March 2017.

He developed algorithms to calculate energy mode of steel-smelting arc furnace with taking into account characteristics of furnace transformers.

The work results were given to the customer.

Further collaboration between DonNTU and the company is the result of the visit.

### **Collaboration with Taganrog Polytechnic Institute**

Prof. Mikhailov and Dr. Lukichov from the Faculty of Engineering Mechanics got the invitation to visit Taganrog Polytechnic Institute which is a branch of Donskoy State University.

They took part at the All-Russian scientific and practical conference “Aspects of Science and Education Development and Industry Modernization” and made their presentations at the plenary meeting. The academics also got acquainted with the system of training specialists and the methodology of Master’s projects doing. They also visited the Institute’s laboratories.

The visit was a success and strengthened further collaboration between DonNTU and Taganrog Polytechnic Institute.



### **Integrated Studying in Germany**

The student of DonNTU A. Komar had his integrated studying at the University of Otto-von Guericke (Magdeburg, Germany).

His main task was to improve his German language. He met people from different countries representing different cultures: India, Pakistan, and Bangladesh. It was the invaluable communication experience.

He also visited a substation. Substations have been one of the most important units to transmit electric power in the electrical system for a long time. There was a necessity to have the DC substation Helmstedt-West-Berlin in 1990. It was widened at the expense of reconstruction of the power line up to 380 kilovolt in Perleberg and now it is an important factor in power supply to Magdeburg. Experienced specialists explained him the industrial object purpose.

### **Participation of the Student of the Faculty of Computer Technologies in the Championship of Russia in Fudokan Karate**



**The student of DonNTU A. Demidenko**  
**Photo: site of DonNTU**

The championship of Russia in fudokan karate took place in Ivanovo city on April 1-2<sup>nd</sup>. The Donetsk and Lugansk People's Republics won 90 medals and the third place in the team event.

The student of DonNTU A. Demidenko was one of the representatives of the Republic's national team. He won the first place in enbu (men and women 18-22 years old); the first place in enbu (men 18 years old and older); the first place in personal kumite (youth 18-22 years old); the first place in fukugo (youth 18-22 years old); the second place in personal

kata (men 18-35 years old). **Our congratulations to the champion!**

### **Results of the 4<sup>th</sup> round of the Donbass Handball Open Cup**

The 4<sup>th</sup> round of the Donbass Handball Open Cup took place in Bryanka (the LPR) on April 22<sup>nd</sup>. In their persistent struggle our team "Polytechnic" won Alchevsk team with the score of 36:35. We would like to remind our readers that 6 teams (four from the LPR and two from the DPR) compete in the Cup.

**Our congratulations to the "Polytechnic" and wishes to win in the final round!**





## **Students of DonNTU are Prize-Winners of the International Contest**

Ivanovski State Energy University (ISEU) hosted the international students' contest in theoretical and fundamental electrical engineering "Electrical Engineering - 2017" on April 11-14<sup>th</sup>. More than 90 students of the leading electrical engineering universities of Russia and abroad took part in it.

Now, in the epoch of computer technologies, any distance is not an obstacle in taking part in different events. The team of DonNTU (D. Shamrin, T. Shevchenko, A. Labeev, I. Dovgopolik) and the student of Donetsk Institute of Rail Transport P. Baryshnikov participated in the conference via Skype. Our students were present at the ceremony of the contest opening (being in one of the classrooms in the 8<sup>th</sup> building of DonNTU) and then did some tasks, which their supervisors (Dr. V. Antamonova and V. Koroshchenko) had got by e-mail. Their papers were scanned and sent by e-mail to ISEU. The correctness and creative approach to the task solving were the priority issues while the papers were marked.

D. Shamrin won the third place in the individual event. The Donetsk students won the fourth place (out of 17) in the team event.

The detailed information on the contest can be found at the site of ISEU.

## **The International Scientific and Technical Conference "Ventilation of the Underground and Industrial Safety in the XXI Century"**

On April 5<sup>th</sup> DonNTU held the international scientific and practical conference "Ventilation of the Underground and Industrial Safety in the XXI Century".

The event was organized in the frameworks of the international scientific and practical forum "Technologies and Processes in Mining and Construction".

The representatives of the DPR and the LPR dealing with industrial safety and the underground and working at mines and students of the Mining Faculty of DonNTU participated in it.

## **III International Practical Conference "The Strategy of the Anti-Crisis Development in the Anti-Crisis Management of Economic Systems"**

III International Practical Conference "The Strategy of the Anti-Crisis Development in the Anti-Crisis Management of Economic Systems" took place at DonNTU on April 19<sup>th</sup>.

Researchers, postgraduates, and Master's students from the DPR, LPR, the RF, Kazakhstan, Belorussia, Bulgaria, the Czech Republic and Germany took part in the event. More than 200 papers had been submitted.



**Rector of DonNTU Prof. K. Marenich and the participants of the conference**  
**Photo: E. Kurgan**

The Rector of DonNTU Prof. K. Marenich, Dr. V. Zhilchenkova, the Dean of the Faculty of Economics, Mr. M. Lagoda, the Head of the Department of Analysis and Strategic Development of the Administration of the Affairs of the Council of Ministers of the DPR, Mr. V. Yatsenko, the Minister of Telecommunications of the DPR, Prof. Vasilenko from the Institute of Economic Research, Prof. B. Shelegeda from DonNTU, Prof. Y. Khomenko, a corresponding member of the Petrovskaya Academy of Science and Art

(St. Petersburg), Dr. I. Kondaurova and Dr. O. Sharnopolskaya from DonNTU took part in the plenary meeting.

The researchers and practitioners emphasized the importance of integration of science and economics of the DPR, the necessity to establish international links in exchange of practical activity of economic systems and research developments. They were sure the events like that helped improve economic growth and development of the Republic.

The conference was interesting and informative. The presentations made by local and foreign scientists raised topical issues of overcoming of crisis phenomena in economics. The event achieved its goal – to exchange experience, discuss and test research results.

### **The International Scientific Collaboration between DonNTU and Ukhtinski State Technical University Goes on**



The international scientific collaboration between DonNTU and Ukhtinski State Technical University (USTU, Ukhta, the Komi Republic, the RF) which started in 2003 is going on successfully.

The staff of the Department of Mining Engineering and Automation

**The meeting of the breakup group “Automation and Electrical Engineering”**

**Photo: I. Kovalyova**

named after R. Leibov organized the meeting of the breakup group “Automation and Electrical Engineering” ( Inter-state Synchronous Scientific Session Ukhta-Donetsk) of the XVIII International Youth Scientific Conference “Severgeocotex- 2017” ( organized by USTU).

Dr. S. Neezhmakov was the breakup group’s chairperson. Master’s students and the third and fourth year students of the Faculty of Computer Information Technologies and Automation, academics and postgraduate students of DonNTU participated in the event.

The Organizing Committee recommended the authors of the best presentations to be encouraged.

The diplomas of the conference laureates were awarded to E. Dubinkina, O. Marenich and D. Kutepov.

All the papers submitted to the conference will be published in the proceedings.

### **The Students’ Conference “Lomonosov Readings: Physics History and the Present (ISOF-2-17)**

DonNTU hosted the students’ conference “Lomonosov’s Readings: Physics History and the Present” on April 22<sup>nd</sup>. It was dedicated to the memory of the great nuclear physicist I. Kurchatov. The Department of Physics of the Physical and Metallurgical Faculty of DonNTU and the Problem Scientific and Research Laboratory of Interaction of Hydrogen with Metal and Hydrogen Technologies were the event organizers. It also gained the support of the Russian Engineering Academy (Moscow).

More than 70 students of DonNTU, Donbass National Academy of Construction and Architecture, Donetsk Engineering Lyceum took part in the conference. The representatives of Belarus National Technical University participated in it in absentia. It was the first ever precedent. .

The conference was opened by the Rector of DonNTU Prof. K. Marenich and the Dean of the Physical and Metallurgical Faculty Prof. S. Safyants. There were four breakup groups in which the participants made 75 presentations and got acquainted with the latest achievements of modern physics and its development history.

Theses of all the presentations are included in the electron proceedings and are placed at the site of the Physics Department. The proceeding will be useful to students and schoolchildren interested in natural history,



**Prof. V. Goltsov makes his speech at the plenary meeting**  
**Photo: Site of DonNTU**

modern aspects of science development and historical ways of science progress.

The goal of the conference- to liven educational activity, to fulfill creative abilities, to find out and support talented students, to raise the quality of training of erudite specialists who know the world and local history of science and technology and its latest achievements – was attained.

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.ru](mailto:ovs@donntu.ru)