



## **The Rector of the Institute of Digital Economics Delivers his Lecture at DonNTU**



Photo: DonNTU's Site

The Rector of the Institute of Digital Economics (Moscow), the author of monographs in philosophy, jurisprudence, and ethnology, a member of the Russian Geographic Society, the President of the International Fund “Humanity”, the President of the National Fund of International Youth Organizations Support “JCI” (Russia), a teacher of the School of Common Sense, an economist and practitioner in the sphere of digital economics Dr. Makarov delivered his lecture “From the Abac to the MetaUniverse

and the Humanity Social Development Quantum Jump” at DonNTU on October 2<sup>nd</sup>.

DonNTU's Rector Prof. A. Anoprienko, University's Vice-Rectors, Deans, academics and students attended the lecture. The key researcher of the Federal Research Sociological Centre of the Russian Academy of Sciences Dr. Shakhov and his Deputy Dr. Ulanovski, the Deputy of the People's Council of the DPR Prof. Kostenok were the meeting guests.

DonNTU's Rector expressed his gratitude to the guests for their support of the Republic's digitization and an active participation in the Republic's integration into the social, economic, and scientific space of the Russian Federation. The issues of main stages on the way to the modern digitization and digital economics and cybersecurity both on the state and personal levels were discussed. Dr. Makarov also emphasized the current and future contribution of Russian scientists and developers into the implementation of the ideas of MetaUniverses. The lecture format was interactive and finished with an active discussion.

## **DonNTU's Representatives Take Part in the Educational Intensive for Management Staff at DSTU**

Donskoi State Technical University hosted the educational intensive for management staff under the aegis of the Ministry of Science and University Education of the RF on October 15-17<sup>th</sup>. It was aimed at helping university teams improve development programs including their synchronizing with scientific and technological priorities of development of Russia as the state technological sovereignty is impossible without universities joint work in personnel training and strategic management.

Management staff of universities of the DPR and the LPR, and Kherson oblast (8 Rectors and 28 Vice-Rectors being among them) took part in the program. The team of Donetsk National Technical University took part in the intensive.

The Director of the Department of Coordination of Activities of Educational Organizations of the Ministry of Education and Science of Russia Mr. Grishkin greeted the



Photo: DonNTU's Site

participants. He spoke about the main tasks of joint work within the frameworks of the program. He also emphasized the necessity for the new regions universities to pay attention to the program “Priority 2030” and other federal projects and specified the results the state expects to see.

The Social Centre Director Mr. Keller gave some examples of successful programs of university development in our country.

The university teams are able to correct the potential trends of their development in project groups. Professionals from the Ministry of Education and Science and key universities of Russia can help with consultations and methodological recommendations. The intensive program includes discussions of the work of project groups and management of the key universities.

### **DonNTU’s Delegation Takes Part in the Strategic Session on Youth Laboratories Activity**



Photo: DonNTU’s Site

The Ministry of Science and University Education of the Russian Federation held a strategic session on youth laboratories activity in Zheleznovodsk on October 22-23d. It was organized in the frameworks of the national project “Science and Universities” in the DPR, the LPR, Zaporozhskaya and Khersonskaya oblasts. It was aimed at finding problems in establishing and functioning of the laboratories and preparing proposals to solve them. The session was moderated by the Heads of the

Department on Coordination of Scientific Organizations Activities of the Ministry of Education and science of the RF and experts being heads of some key scientific organizations.

Heads of youth labs and universities and research organizations (21 of them) where the labs started functioning in 2024 made their presentations. DonNTU was represented by its Rector Prof. Anoprienko and Dr. Rychka and Dr. Derkachev, the heads of the laboratories “Artificial Intelligence” and “Instrument Engineering and Machine-Tool Technologies”.

There were fruitful discussions as to the search of ways to solve the current problems to provide the most comfortable conditions for the youth scientific labs to work efficiently.

### **DoNTU’s Rector Takes Part in the Forum “Technological Leadership: New Paradigm of Engineering Education”**

VSTU named after N. Bauman hosted the forum “Technological Leadership: New Paradigm of Engineering Education” on October 28-29<sup>th</sup>. Rectors of the key universities, representatives of technological companies, federal and regional government bodies took part in it. The event was opened by the Minister of Science and University Education Mr. Falkov. He spoke on a number of system steps to develop country’s engineering education. According to him more than 40% of budget places at the universities are covered by engineering specialities. The federal project “Advanced Engineering Schools” and the large-scale program of university development “Priority 2030” supported by the President Putin established a good reputation. The project on development and strengthening of the fundamental component of engineering education is being realized.



Photo: DonNTU’s Site

He also emphasized that the majority of graduates of technical universities worked according to the obtained degree (information given by employment monitoring).

The participants worked out proposals on improving programs of development and strategies of classical and multi-core universities.

*(According to the materials published in the Telegram channel of the Ministry of Education and Science of Russia)*

**Donetsk Polytechnics Take Part in the International Forum “Mineral Resources as the Base of the National Sovereignty – the Personnel and the Innovation Environment”**

St. Petersburg Mining University of Empress Catherine II hosted the International Forum “Mineral Resources as the Base of the National Sovereignty – the Personnel and the Innovation Environment” on October 15-20<sup>th</sup>.

This large-scale event took place on the threshold of the XVI Summit of BRICS in Kazan. There were more than 800 participants – the leading experts and core professionals from 42 countries of the world including 10 countries - the BRICS participants, Rectors of Russian universities-members of the “Nedra” consortium, key universities from Belarus, Brazil, India, Iran, China, Nigeria, Ethiopia, the SAR, Mali and a number of other countries, representatives of transnational companies, heads of core ministries and offices there.

DonNTU was represented by its Vice-Rector Dr. Ryazanov, the university’s coordinator in the frameworks of the “Nedra” consortium, and the Assistant Professor N. Barsuk.

The Forum participants were greeted by Mrs Matvienko, the Chairperson of the Federation Council of the Federal Assembly of the Russian Federation, and the Minister of Foreign Affairs Mr. Lavrov.

The Mining University’s Rector Prof. Litvinenko emphasized the mineral resources being the natural capital needed to be professionally controlled for its efficient monetizing. The answer to the question of how to educate and bring up national personnel interested in staying in their native country and making their decent contribution in its development and well-being is in the focus of the pilot project on reforming university education system of Russia which is being implemented at SPMU of the Empress Catherine II.

The Deputy Minister of Science and University Education of the Russian Federation Mr. Afanasiev, the head of the Agency “Rosnedra” Mr. Petrov, the Governor of St. Petersburg Mr. Beglov, and the Consul General Lo Chzhan Khuei also addressed the audience.

According to the event concept strategic discussions on topical issues of the mineral and fuel and energy complexes of the world countries and training of highly qualified professionals were organized.



Photo: DonNTU’s Site

Dr. Ryazanov had some meetings with the Rectors of St. Petersburg Mining University of the Empress Catherine II, Russian State University of Oil and Gas named after I. Gubkin, Donbas State Technical University, the National Research Technological University, Grozny State Oil Technical University named after the academician D. Millionshchikov and others.

Due to the participation of DonNTU in the Forum the professional community got acquainted with the scientific school of Donetsk Polytechnic and the nearest joint

actions in the sphere of interuniversity cooperation in the frameworks of the “Nedra” consortium were planned.

On October 17-18 the Forum-contest of young researchers from the BRICS countries “Topical Issues of Mineral Usage” was held. 125 researchers from 24 countries made their presentations. Mr. Barsuk’s presentation “The Method to Specify Explosives Protecting

Properties” was of interest for the audience the contest commission members due to the high level of laboratory research results.

### **DonNTU’s Delegation Takes Part in the Leader Educational Program “Generation’s Voice. Vice-Rectors + Academics”**

The delegation of Donetsk National Technical University headed by the Vice-Rector Ryazanov took part in the Leader Educational Program “The Generation’s Voice. Vice-Rectors + Academics” at the Knowledge Centre “Mashuk” (Pyatigorsk) on October 12-15<sup>th</sup>. The project was organized by the Ministry of Science and University Education of the Russian Federation and the Federal Agency Rosmolodezh to establish reliable communication between the university administration responsible for the youth policy and the academics who implement it.



Photo: DonNTU’s Site

All Russian universities’ representatives exchanged their experience and developed the strategy on young people bringing up. The best speakers of the country delivered their lectures on university bringing up and the rights and their cross- points; influence of the students’ personalities on strengthening of Russian values, methods to increase creative potential and motivation to study, psychological features of modern students. The participants were also told about the importance of the supporting educational environment which takes into account individual demands of every student.

Besides lectures, there also were different works formats (discussions, immersion, business games, reflection, quizzes, peripatetic) which helped communicated with colleagues, exchange experience and get knowledge.

Our academics got extremely priceless experience, met new colleagues, participated in discussions and developed proposals to improve educational program at the university.

### **DonNTU’s Representatives Take Part in the Meeting of the Federal Educational Association at Baltic Federal University Named after I. Kant**

Baltic Federal University named after E. Kant hosted the meeting of the Federal Educational Association “Applied Geology, Mining, Oil and Gas Engineering and Geodesy” and the Educational and Methodological Board “Land Management and Cadastre” on October 3-4<sup>th</sup>.

30 universities and 12 organizations from 27 cities of Russia took part in the event. DonNTU was represented by the Vice-Rector Prof. Borshchevski and Prof. Labinski.



Photo: DonNTU’s Site

The participants were greeted by administration members of the university and Kalinigradskaya oblast.

Topical issues of training professionals in land management and cadastre, new generation educational standards etc were discussed. Prof. Borshchevski made his presentation “Integration Approaches of Education and Business in Solving Topical problems in Training the Personnel for Mining and

Geology “Science-Education- Business”.

Our representatives signed the cooperation agreement between DonNTU and BFU to make their integration links more active.

## DonNTU's Representatives Take Part in the VIII International Conference "Information Technologies and Control Facilities"

The Vice-Rector of DonNTU Dr. Shcherbov, the Deputy Dean of the Faculty of Intellectual Systems and programming Dr. Bodnar, and students Sotnikov, Beloshitski, Istyagin, and Bakalina took part in the VIII International Conference "Information Technologies and Control Facilities" in Vladikavkaz on October 1-5<sup>th</sup>. The event was hosted by North- Ossetia State University named after K. Khetagurov and organized by the Institute on Control Problems named after V. Trapeznikov.

Dr. Shcherbov made his presentation "Algorithm of Adaptive Non-linear Multiparametric Measurement Data Smoothing" and was awarded with a diploma.



Photo: DonNTU's Site

## DonNTU's Team "mzhn" is the Silver Medal Winner of the Rutube Case at All-Russian Hackathon

The All- Russian Hackathon "Digital Breakthrough Season: Artificial Intelligence" of the president's platform "Russia is the Country of Possibilities" took place on September 27-29<sup>th</sup>. There were more than offline participants and more than 1000 online ones. They were from 79 regions of Russia and included both experienced IT professionals and newcomers.

The Donetsk People's Republic was represented by two teams of Donetsk National Technical Universities who participated offline. They competed in different cases.



Photo: DonNTU's Site

The team E-notGPT (students M. Vavilin, K. Rudnev, D. Kisilyov, L. and I. Sygin) showed a high result and was among the best five in the development of the case "Generation of a Viral Clip". There were 27 teams at the event final.

The team "mzhn-team" (students K. Shmurakov, M. Slipenko, D. Evteev, N. Ryazanov, D. Perviy) ranked 2<sup>nd</sup>. They

competed in the Rutube case "Intellectual Assistant of the User-Support Operator". There were 30 teams in the final.

## Cooperation between DonNTU and RUDN

The staff members of the Department of International Activity and Inter-University Cooperation of DonNTU Dr. Kukushkina, T. Gaponova, and E. Surovtseva took refresher courses on the program "Psychological and Pedagogic Maintenance of the Processes of Social and Cultural Adaptation in the Education Environment" at the Institute of the Russian Language of RUDN. The university is one of the key universities working with foreign students in the educational space of the RF.

Taking the courses is an important step to create the harmonic educational environment for foreign students. Our colleagues got new knowledge and skills which will help them not only understand needs of foreign students, but also support them during the integration process.



Photo: E. Surovtseva .

The knowledge will open new horizons to train and interact. The staff will be able to use modern methods of psychological and pedagogic maintenance which will positively influence the training process and foreign students' adaptation.

Taking into account the variety of ethnic characteristics and cultural traditions it is important to create mutual understanding and respect which is the basis for successful studying. The RUDN program prepared our colleagues for the important challenge and significant improvements in the educational environment of DonNTU.

The Newsletter is prepared by the Department of International Activity and Inter-University Cooperation of DonNTU (including the materials of the newspaper "Donetsk Polytechnic"). For questions please contact: Donetsk National Technical University, 1<sup>st</sup> building, room 220;

tel.: 08 – 25;

URL: <https://donntu.ru/international-cooperation>E-mail: [ovs@donntu.ru](mailto:ovs@donntu.ru)