

Presentation of the book “Imperium of Man. The era of Cosmatics” in Donetsk



A regular meeting at the lecture centre “Culture Masters: Names, Images and Legends” has taken place in the Big Assembly Hall of the first building of DonNTU. The participants welcomed a Moscow guest, a member of the Russian Space Society Bureau, the President of the Society “Patriot”, a member of the Supreme Council of the interregional patriotic youth movement “New Frontier”, and the author of the book “Imperium of Man. The Era of Cosmatics” Mr. S. Zotov.

He did not just deliver a lecture and speak about his book. It was a dialogue with the audience.

There is a proverb “Success is never blamed”. The authors of the book exclaim “It’s the winners who blame!” The book is unusual and paradoxical; it contains the world spirit and love to Motherland. It is a tool which cuts into the brain of our young contemporary and re-binds human mind. The project is ambitious and as fantastic as the Red Project seemed before October 1917.

Will the Imperium of Man be built or will it remain another Sun City on dusty library shelves? It depends on us. Nevertheless, the book appearance signals all the people in Russia and the world: the Russian spirit has risen from the ashes of the 90s and is ready to raise the flag of the battle for the future of our country and the humankind again. It is the handbook for the Future Heroes.

Moreover it is symbolic that the first public presentation of the book was made in Donetsk where heroism examples can be found not in the past, but today and in every locality of the DPR.

The discussion was heated and the reaction was different. But the author was sure to raise the interest and strike a nerve of all the event participants. The most active participants got a copy of the book autographed by the author.

As a result all the guests were offered to read the book and organize a meeting to discuss it.

We invite you to familiarize yourself with the e-version of the book in the RSS library: <https://cosmatica.org/library/418-imperium-cheloveka-era-kosmatiki.html>

Many members of the Russian Space Society including the Chairperson of its Donetsk branch Rector of DonNTU A. Anoprienko were present at the event.

At the end of the creative meeting new members of the RSS were handed out their membership cards.

We are happy our work demonstrates its positive results, and the ideas of the RSS inspire us and find new followers.

Read, make a decision and act!

International University Meeting “Administrative Sciences Global Perspectives”

Rector of DonNTU Prof. A. Anoprienko took part in the International University Meeting “Administrative Sciences Global Perspectives” on November 14th. It was organized by DonNTU’s partner the Technological University named after S. Bolivar (Lima, Peru). University administrators from Mexico, Bolivia, Chile, Argentina, Brazil, Canada, Ghana, Ethiopia, Nepal, India, Malaysia, and Russia (from Moscow and Yekaterinburg) participated in it. DonNTU was the only university which represented the DPR.

The participants spoke about the university’s possibilities in the field of education



and business. Prof. Anoprienko made his presentation on international collaboration and links of DonNTU and answered some questions on the research made at DonNTU, the situation in the Republic and DonNTU’s graduates working in South America. More details about the collaboration can be found in the Russian-Spanish magazine “Quijotes”:

<http://donntu.org/zhurnal-quijoteskihotes> The event details:
<https://drive.google.com/file/d/1Pyugpjtq17G3xyyHjAD9xBjOVb1ELEsO/view>

New Collaboration Agreement

A collaboration agreement between DonNTU and Kemerovo State University was signed on November 25th.

Joint conferences and paper publication are planned in the frameworks of the agreement.

DonNTU's Representatives Participate in the International Investment Forum

The Hotel Shakhtar Plaza hosted Donetsk International Investment Forum on October 29th. There were 500 participants (businessmen, civil servants of different grades, community activists and journalists) from 17 world countries there. DonNTU's participants were chairpersons of two breakup groups: "Donbass Economic Potential (Prof. A. Anoprienko) and "Collaboration in the Sphere of Agribusiness" (Dr. L. Shabalina).

As Prof. Anoprienko mentioned the economic potential of the DPR known in many countries of the world is proved by research, scientific and technical activity and innovations.

A number of collaboration agreements in mechanical engineering, electrical engineering, coal mining, and agriculture were signed with the RF representatives. The agreement between Telmanovski district of the DPR and Kurchatovski district of



Kurskaya oblast of Russia is an example. Besides, the Public Chamber of the DPR signed agreements with its colleagues from Ryazan oblast and Krasnodar Territory of the RF on creation of joint trading houses. The Ministries of Economics and Development of the DPR and South

Ossetia also agreed on further collaboration. Business representatives from Turkey are ready to invest in construction and reconstruction of residential housing and social infrastructure objects of the DPR. Businessmen from Switzerland are also ready to collaborate with the Republic.

The Head of the DPR Mr. Pushilin proposed the Deputy Chairperson of the Statestandard of Russia Mr. Mitrokhin to be his advisor on science and technologies and help establish Donetsk Academy of Science and the International State Academic

University of Donetsk Academy of Science. Besides he supported the idea of establishment of the International Centre on Scientific, Technical and Economic Development, the Court of Auditors and the EcoBank for international payments in the DPR. Prof. Anoprienko commented the decisions: “It is good news because the bank will be established to develop science too. It is very important to train as many engineers as possible both in Donbass and anywhere else”.

DonNTU Hosts II Students’ Scientific and Practical Conference “The World Economics: Yesterday, Today and Tomorrow”

Donetsk National Technical University and Donetsk Republican Students’ Small Academy of Science held II Students’ Scientific and Practical Conference “The World Economics: Yesterday, Today and Tomorrow” on November the 19th. Students from municipal educational institutions and universities of the Republic as well as students of Novgorod State University named after Y. Mudry participated in it. 31 students took part in the event in person and 25 wanted their papers to be published and took part in absentia.

.There were two breakup groups at the conference where participants made their interesting presentations followed by active discussions among young experts and their supervisors on topical issues of the world economics functioning, modern tendencies and upcoming perspectives.

DonNTU’s Rector Prof. A. Anoprienko was the conference guest of honour who also participated in the discussions.

DonNTU’s staff communicated informally with students and their supervisors during a coffee-break. They spoke on the research plans and work of the Engineering and Economics Department of DonNTU.



All speakers got certificates and their supervisors were given letters for their high professional level, creative approach in teaching and bringing up a future generation of researchers.

The participants gained public speaking experience, established interesting contacts and got positive emotions.

DonNTU Hosts IV International Scientific and Practical Conference “Complex System Business Engineering: Models, Technologies, Innovations BECS 2019”

DonNTU hosted the IV International Scientific and Practical Conference “Complex System Business Engineering: Models, Technologies and Innovations BECS 2019” on November 14-16th. Key professionals in professional education and business-



systems development for digital economics participated in it.

DonnTU and Ural Federal University named after the First president of Russia Mr. B. Yeltsin, and Donetsk National University were its organizers.

The conference presentations covered modern achievements in interactive system engineering in education. Significant results in international network education programs, collaboration prospects, and university research and project activities were emphasized.

Representatives of the Ministry of Telecommunications of the DPR and a deputy of the People’s Council of the DPR made their presentations on the project “our Future” aimed at improving of interaction between professional and academic environment.

Russian colleagues shared their unique experience in application of engineering technologies in education and training professionals in their on-line reports.

There also was a scientific and methodological on-line seminar “Method of System Dynamics in Optimization of Business Process Architecture and Computer Technology Project Participants Interaction” in the frameworks of the conference.

The main methodological and practical recommendations on training professionals in digital economics were formed as a result. The necessity to attract young professionals to development of the information and innovative sphere of the Republic through the implementation of the projects of the DPR Ministries and Boards were emphasized. The recommendations also covered the issues of implementation of educational trajectories in digital economics to meet the needs of the regional companies and attraction of employees to training necessary professionals.

KuzSTU and DonNTU: International Interaction

Prof. A. Korchevski, the Dean of the Mining Department of DonNTU, visited KuzSTU on November 18th.

The guest of honour had a meeting with Prof. V. Udovitiski (KuzSTU) and discussed topical issues of integration link widening, possible collaboration in training professionals for coal industries of both countries. They also covered the training

organization and curricula related to the transition of the Republican system of education to the RF educational standards.

It was not a random choice as according to the monitoring of the universities of the DPR and Russia only the two universities train concentration professional with the qualifications which meet the requirements of coal companies. The graduates of both universities are in demand not only in Russia but also abroad. Prof. Korchevski hopes that the university collaboration will give positive results.



The parties are going to sign an agreement on strategic partnership between the universities in the nearest future. It will involve joint research in mineral deposit concentration and processing, students' academic exchange and participation in different university events.

DonNTU's Academic Defends his PhD Dissertation in the RF



Mr. A. Bulgakov, a senior lecturer of DonNTU, has defended his PhD dissertation in South-Russian State Polytechnic University named after M. Platov. It is the first PhD degree got in the RF.

Our congratulations to Dr. Bulgakov and his supervisor Prof. E. Kurenyy. The University's staff is sure it is not the latest achievement both in his life and the life of the department where he works.

The Russian Software CSOFT is Used in Training Professionals for the DPR's Industry

DonNTU has been using the Russian software CSOFT in its training activity for three years. The company Russian group made its presentation at our university in autumn 2016.

Taking into account the event importance for the Republican economy a specialized seminar on Russian software in energy supply



design was held at DonNTU with the Ministry of Industry and Trade of the DPR being its co-organizer.

The university is ready to go even further- not only train students but also help the industrial companies' staff to master Russian programs.



Dr. S. Dzhura is the software initiator. He says: “Our department uses nine software products in different spheres of energy supply automated design systems of industrial companies. The university has changed its curricula and is focused on

Russian standards now. The chosen software uses all RF State Standards and the world achievements in the field”.

The transition to the Russian standards made it possible to actively integrate into the education space of the RF and prepare real projects for companies based on the industrial software used by key designers of Russia. Besides, it raises university graduates' competitiveness on the labour market of the Republic and foreign countries.

Dr. Dzura also specified: “Today we are training professionals for the industrial sector of the Republic, and we use not academic but industrial software. More than that, we are ready to organize refresher courses for the Republican companies' staff”. More than 250 graduates have already mastered the CSOFT software product and use the knowledge in the industrial sectors of the Republic, Russia, and other countries of the world.

We would also like to add that DonNTU is the first and oldest university in Donbass. It was founded in May 1921. There are 14 faculties there. The complete range of the CSOFT software products is used in training at the university. The Russian companies group has been consulting different companies on implementation of complex solutions in automated design systems, technology planning, documents circulation, and GIS since 1989.

Issues of Donbass Economic Development and Integration in the Current Context Are Discussed at DonNTU

Donetsk National Technical University hosted the discussion “Ways and Mechanisms of Donbass Further Economic Integration in the Current Context” on October 30th. The event was held in the frameworks of the II International Integration Forum “The Russian World and Donbass: from Collaboration to Science, Education, Innovation and Culture Integration.”

Representatives of the DPR authorities, universities and public organizations, and guests from the Russian Federation, South Ossetia and the Lugansk People's Republic participated in it.

The professionals spoke on the so-called “growth points” for young states and the role public and educational organizations play in the process.

According to them the industrial complex stabilization, financial system development, economic security strengthening, social and economic mechanisms creation and improvement, all life sectors modernization are paramount tasks.

All the discussion participants emphasized the importance of the state regulatory framework improvement, national economy development for the DPR to reach the goals.

DonNTU's Academic Participates in the Second Festival of Information Technologies iFEST

The Associate Professor A. Voronova has taken part in the Second Festival of Information Technologies iFEST in Nizhniy Novgorod.

It covered the issues of artificial intelligence and neuronets and processing of extra large data arrays. The festival venue was the industrial park “Ankudinovka” with two lecture halls and demo sites. The iFEST was called the biggest modern IT-festival in the region as there were more than 2 000 participants in it.

The festival organizer was the association iCluster from Nizhniy Novgorod which invited different companies working in information technologies sphere, Russian and foreign universities, design institutes and engineering companies.

The organizers showed the mobile application filled with reference information on the festival and additional functionality.

The delegates from the DPR and the LPR were met by the Deputy Director of the iCluster who expressed his desire to come with a return visit to any IT-event organized in Donbass.

Ms. Voronova attended lectures of the key professionals of the world IT companies and learnt about the mechanism of large-scale scientific events. The knowledge can be used at DonNTU to hold scientific forums and conferences.



DonNTU's Student is in the Top Ten



DonNTU's student V. Sidorchuk passed all qualifying stages of the XII International Contest "IT-Planet 2018/19" and took part in the final at the National Research Technological University in Moscow on October.

He represented DonNTU in the nomination "Web-design" and ranked six.

The event partners were "Sberbank", Industrial Park "Skolkovo", Skolkovo Institute of Science and Technology. The contest and educational programs were supported by the companies "Gendalf", "Morizo", SimbirSoft", ROBBO, "Virtuozo", "Motorica", "TIM3R", "Genesis Digital", "ScratchDuino" and the Institute of System Programming.

More than 300 students and young professionals who showed the best results in qualifying stages during 2018/2019 academic year took part in the final. They represented colleges and universities of Russia, Armenia, Belarus, Kazakhstan and Ukraine. 90 staff members of academic institutions accompanied the participants.

The head of the Information Technologies Development Centre, the Chairperson of the Organizing Committee of the International Contest "IT-Planet", State Duma deputies and universities' administration members greeted them.

Then the participants dealt with practical tasks and defended their works in the nominations of "Programming", "Cloud Computations and Data Base", "Telecom", "Mobile Platforms", "Digital Creativity", "Free Software and Robotics", "Limitless Opportunities". The latter nomination was aimed at searching the way to improve disabled people's life and appeared in the contest for the second time and attracted greater number of projects and experts.

The participants had excursions around Innovation Centre "Skolkovo" and the Institute of System Programming, including their famous laboratories. The finalists were offered to have their master's course at the Institute.

The final stage of the contest was a round table meeting "Training of ICT Professionals Corresponding to the Requirements of Digital Economics". Representatives of public organizations, business structures and universities took part in it. They had an active discussion on methods and practice of the interaction between employers and universities to employ ICT professionals, inclusive education and employment of the disabled, new professions in the context of the economics and society digitizing and preparedness of universities for it.

The finalists changed contacts and discussed their further career with employers after the victory ceremony.

DonNTU's Students Take Part in the Webinar of Moscow Company "Exponenta"

On November 7th undergraduate students and the staff of DonNTU participated in the webinar “Electric Drive Vector Control” organized by the company “Exponenta” from Moscow. Engineers of the Centre of Engineering Technologies and Modeling organize such events to advertise MatLab software, its new applications and possibilities.



Students asked their questions on modeling of the traction electric drive used on transport; electric drive parameters identification and automated management of PID control coefficients after the video presentation.

Webinars are often broadcast to improve students’ knowledge. It showed good results in 2017 and 2019 when our students won the world competitions Mobile Devices Challenge and Simulink Student Challenge.

DonNTU’s Students participate in the Webinar of Moscow Company “OVEN”



Students and academics of DonNTU participated in the webinar “Equipment Nomenclature for the Company’s OVEN Automation” on November 8th. The company is the key Russian manufacturer for industrial control of any complexity level for device serial production.

Our students learnt about the company’s new products, their characteristics and advantages and application spheres.

The webinar program included presentations on measuring equipment, programmable logic controllers and regulators, power equipment, cloud technologies for automation, novelties and current developments.

When the video presentation was over, the students asked their questions. Moscow colleagues supported the idea of collaboration with DonNTU as to joint seminars on industrial controller programming.

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-mezhdunorodno-go-sotrudnichestva> E-mail: ovs@donntu.org