

## DonNTU's Researchers Participate in the 26<sup>th</sup> Conference “Mechanical Engineering and Technosphere in the XXI Century”



Sevastopol hosted the 26<sup>th</sup> conference “Mechanical Engineering and Technosphere in the XXI Century” on September 20-29<sup>th</sup>. Researchers from DonNTU took part in it. More than 60 participants from the DPR, the LPR, Russia, Belarus, Vietnam, Kazakhstan and Kirgizia made their presentations there.

They made links between universities, exchanged ideas and experience as to their implementation into industries. Different journals are issued and scientific and technical works are published according the participants' recommendations and offers, scientific, practical and methodological conferences and seminars are held in different countries, and friendly relations are formed.

Rector of DonNTU Prof. A. Anoprienko made his presentation at the plenary meeting. It aroused the participants' interest.

All presentations, some of which covered research in the frameworks of doctoral theses, were of a high level, followed by a number of discussions and recommendations. The researchers spoke on the results of their research not only in mechanical engineering but also in other technical sciences.

## International Spacebridge in Topical Issues of the Future Society Takes Place in Donetsk

There was a remarkable event in Donetsk on September 30<sup>th</sup>. The Ministry of Education and Science of the DPR and the “Russian World” fund sponsored the first international online seminar “Topical Issues of the Future: Artificial Intelligence, Transhumanism, and the Social Structure of the Future Society”. Donetsk scientist participated in the space bridge on the invitation of experts from Nizhniy Novgorod. Donetsk National University hosted the event with the technical support of the “Russian Centre”.

The seminar keynoter and presenter was Dr. P. Severilova from Donetsk Academy of Construction and Architecture. Rector of DonNTU Prof. A Anoprienko, the Director International of DonNTU Dr. S. Dzhura, academics, postgraduates and students of the DPR's universities participated in the event. The seminar lasted for two hours and there were active discussions among Donetsk and Nizhni Novgorod scientists on the future main concepts covered in works of modern philosophers. Pessimistic and optimistic models of the future, prospects of new technologies development and their aftereffects for the mankind, values problems, ethics and future education issues were discussed. The scientists from Nizhniy Novgorod proposed organizing online meeting on a regular basis.



### **DonNTU Hosts the Conference “Engineering Economics and Management in the Current Context” Timed to the 50<sup>th</sup> Anniversary of the Engineering Economics Faculty**

DonNTU hosted the scientific and practical conference “Engineering Economics and Management in the Current Context” on October 9<sup>th</sup>. It was timed to the 50<sup>th</sup> anniversary of the Engineering Economics Faculty. The conference covered the issues related to the main trends in economics and management of the national economy, state management and the world economics in the current context.

23 educational institutions from the RF, Uzbekistan, Belarus, the LPR, and the DPR, the Institute of Economic Research of the Republic and the Ministry of Justice, the Ministry of Transport, the Ministry of Education and Science and the Ministry of



Labour and Social Policy of the DPR submitted 121 papers. Besides, the university-partners greeted the Faculty with their wishes of success in research and academic activity, development, prosperity, peace and the good.

DonNTU's Rector Prof. A Anoprienko, the Vice-Rector in Research Prof. S. Borshchevski, the Faculty Dean Dr. V. Zhilchenkova, and the Deputy of the People's Council of the DPR Mr. N. Lepa greeted the participants.

The Deputy Minister of Labour and Social Policy Mr. D. Strelchenko made his presentation “State Control of the Social and Labour Relations”.

The speakers covered the issues of engineering economics on its way to economic systematization, the world values and new economic dynamics, social imperatives in the states with different political statuses.

Researchers from Kemerovo State University made their presentations online. All the presentations were followed by discussions in the breakup groups “Topical Economic Issues: Theory and Practice” and “Topical Management Issues: Theory and Practice”.

DonNTU library’s staff organized a public viewing of scientific publications of the Faculty’s staff: monographs, textbooks, conference proceedings.

E-conference proceedings have been published and sent to the authors.

### **Prof. V. Goltsov Makes his Presentation at an International Conference**

The Ministry of Education and Science of the Russian Federation and Perm National Research Polytechnic University have held the IV International Scientific and Practical Conference “Innovation Technologies in Material Science and Mechanical Engineering – ITMM-2019” in Perm. Prof. V. Goltsov and Mrs. L. Goltsova made their presentations at the conference on the invitation of the Organizing Committee.

The Analytical Centre “Crystal” was established at the university in 2005. Its staff has made a research in reasons of key industrial objects destruction in Perm Region.

Prof. Goltsov’s attendance of the event is important as to getting information on modern achievements in physical metallurgy and steel and alloys heat treatment and scientific contacts with people working in the field. There also was an important task to strengthen DonNTU’s priority in hydrogen material science and metal hydrogen treatment.

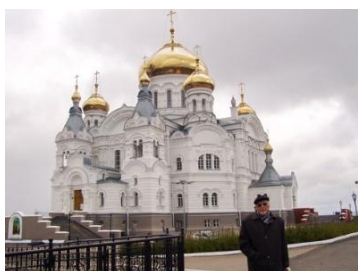
The conference was timed to the 70<sup>th</sup> anniversary of the Department of “Material Science and Metal Heat Treatment”.



Outstanding scholars from Bulgaria, Belarus, the DPR, Poland, and Russia were members of the Organizing and Program Committees. Prof. Goltsov represented DonNTU in the Organizing one.

The Goltsovs’ presentation “Metal Polymorphism as an Important Component of the Scientific and Technical Basis of the Current Technical Civilization after Chernov” aroused big interest of the participants. It covered the outstanding discovery made by the great Russian researcher and engineer D. Chernov which

predetermined the splitting of the ‘iron age’ into two epochs “BEFORY CHERNOV” and “AFTER CHERNOV”.



The hosts organized a visit to the academic, scientific and production laboratory of the Mechanical Engineering Faculty and the laboratory of the Analytical Centre “Crystal”. The participants saw the modern analytical facilities in operation.

There also was a social program which included an excursion around Perm, a bard songs concert, a visit to the Perm Art gallery which hosted the exhibition “Russian Museums Treasures”. The guests had a unique chance to see rare paintings of Aivazovski, Levitan, and Kramskoi –the artists whose names are familiar to everyone in Russia. Besides, the participants were offered an excursion to Belogorski monastery.

On their way back home the Goltsovs visited Moscow Russian Engineering Academy which is the assignee of the Engineering Academy of the USSR. They and its Vice-President Prof. Ivanov discussed some aspects of science and education in the DPR, and DonNTU and the Problematic Research Laboratory of Hydrogen Interaction with Metals and Hydrogen Technologies activity in the frameworks of the collaboration agreement.

### Academics of the Russian Language Department of DonNTU Participate in the International Congress of Culture and Media Volunteers

Rostov-on-Don hosted I International Congress of Culture and Media Volunteers on October 1-5<sup>th</sup>. Teachers from the Russian Language Department of DonNTU participated in it as guests of honour and experts.

There were researchers and civil activists from 37 countries at the congress. They discussed the volunteers’ movement to popularize Russia in the world, spread its unique heritage and promote the Russian language and literature.

The I International Literature Festival “Get to Know Russia: Genii of the Word born in the Don Region” was held in the frameworks of the congress under the support of the Ministry of Culture, the Ministry of Science and Higher Education, and the Ministry of Public Education of the RF. The Festival was devoted to the heritage of A. Chekhov, M. Sholokhov, A. Solzhenitsin, A. Kalinin, V. Zakrutkin and other authors whose lives and creativity are related to the Don Region. The participants



took a course for organizers of social projects, visited exhibitions, and took part in the literature and local history quiz.

DonNTU's teachers visited Don's cities and towns having centuries-old history and cultural traditions and were heartily welcomed by the people living in the Region.

### **XIX International Scientific and Practical Conference “Roerich’s Heritage”**

St. Petersburg State University, the State Hermitage, and the St. Petersburg State Museum-Institute of the Roerich Family hosted the XIX International Scientific and Practical Conference “Roerich’s Heritage” on October 9-11<sup>th</sup>. The conference was timed to 145<sup>th</sup> anniversary of N. Roerich, 140<sup>th</sup> anniversary of E. Roerich, 120<sup>th</sup> anniversary of the meeting of E. Shaposhnikova and N. Roerich in Bologoe, and the 115<sup>th</sup> anniversary of S. Roerich, 180<sup>th</sup> anniversary of the Drawing School of the Emperor’s Society of

Art Promotion, and the 150<sup>th</sup> anniversary of Mahatma Gandhi, and the Theatre Year in Russia.



The Director International of DonNTU Dr. S. Dzhura took part in the event in the frameworks of the collaboration agreement between DonNTU and the St. Petersburg Budget Cultural Institution “Museum- Institute of the Roerich Family”. He made his presentation “Ethical Internet Project through GDV-technologies”. Video:

<https://vimeo.com/364261081>,

<http://ea.donntu.org:8080/handle/123456789/34165>

Presentation:

Dr. Dzhura also greeted the participants of the conference at the State Hermitage of the RF: [https://www.youtube.com/watch?time\\_continue=415&v=8aZy0BYX\\_YE](https://www.youtube.com/watch?time_continue=415&v=8aZy0BYX_YE)

Thus, the collaboration between DonNTU and Russian universities is going on.

### **Youth Delegation of the DPR Participates at the International Youth Project Platform “SeliAs”**

The Astrakhan Region hosted the XII International Youth Project Platform “SeliAs” on September 23-26<sup>th</sup>.

The delegation of the DPR took part in it. DonNTU was represented by Ms. O. Karuk.

There were more than a thousand participants at the “SeliAs-2019”. The Platform program covered three forums: economic, civil, and creative.

The All-Russian contest of youth projects was held in the frameworks of the event. Their authors participated in discussions, improved their project skills, and got grants from the Federal Agency on Youth Affairs.

Such disciplines as international interactivity, conflict control, speech self-defense, start-up development modern tools etc. were taught at educational platforms.



### **DonNTU’s Students Participate in the International Seminar- Practical Training Session in Alushta**

Youth seminar-practical session on social project planning was held in Alushta (the Crimea) on September 23-29<sup>th</sup>. The DPR was represented by a delegation the members of which were DonNTU’s activists I. Lobkova and K. Yasyuchenya.

The seminar educational program covered youth invents, students’ self-government, social project planning. The participants got to know the theory of any level event organization, examined the practice of All-Russian and international projects. They took a foresight session aimed at specifying the growth points in the frameworks of event organization and subject-matter and development of project ideas. They also studied the regulatory framework of students’ council activity, successful practice of event implementation, student construction teams work in different regions and marked the growth points at every educational institution.



The participants drew up their project ideas and formed their proposals as to the interaction mechanisms between universities. They also discussed every stage of the project development- from the subject-matter to the grant application submission and implementation, and developed project ideas for their regions and republics. Leaders of youth organizations, the Minister of Education, Science and Youth of the Crimea, representatives of Russian universities were guests and speakers of everyday panel discussions.

## **DonNTU's Students Take Part in the III International Youth Conference in Astrakhan**

Astrakhan State Technical University hosted the traditional III International Conference “Information and Communication Technologies: Current Achievements” on October 1-5<sup>th</sup>. There were key professionals and researchers from Russia, Belarus, Uzbekistan and Vietnam there. It was organized by the Institute of Information Technologies and Communications of the University.

The plenary meeting speakers discussed the research in innovation devices and experiments and issues of control of deviations in embryos development and implementation of new technologies.

DonNTU was represented by T. Kirichenko (IT Role in Economic Security), A. Shepilo (Influence of Social Networks Participants on Customers Competitive Behaviour), P. Gontarev (IT Role in Economic Security). The students were exchanging ideas and experience according to the presentations subject-matter at the breakup group meetings during five days. The participants were shown around the university and its laboratories and visited the historical and architectural complex “Astrakhanski Kremlin”.



## **DonNTU's Student Wins the International Contest**

Rostov Region hosted the I International Contest of Culture and Media



Volunteers on October 1-5<sup>th</sup>. It united fans of the Russian culture from different countries and regions. It was a part of the large cultural and educational project “Get to Know Russia”.

On August 23d-September 15<sup>th</sup> there were absentee creative international contests in the frameworks of preparation to the contest. Its prize money was 600 000 rubles. Their results were announced during the contest first day.

There were more than 50 prize winners of the contest. DonNTU's student D. Panin was among them. He performed in the nomination of rap singers “Let Us Revive the Greats” devoted to lives and creativity of the writers of the Don Region.

The victory ceremony took place at Rostov State Musical Theatre. Other students from DonNTU were also among the contest participants. All of them got the contest certificates. Mr. Panin got a diploma, the prize money, and an invitation to a free information tour around the Rostov Region.

Newsletter is prepared by the International Office of DonNTU.

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