



## FORUM “DAYS OF GERMAN SCIENCE AND CULTURE” AT DONNTU

Another scientific event was held in the 8<sup>th</sup> building of Donetsk National Technical University on October 22<sup>nd</sup> 2015. Why another one? The matter is that it has been a tradition to organize the biannual forum to mark the collaboration of DonNTU with the leading universities of Germany since 1999. According to the most experienced workers the collaboration started in 1968.

The scientific occasion was opened by the Vice-Rector in Foreign Affairs, the Director of the Institute of International Collaboration of DonNTU Prof. I.P. Navka. He made his presentation “The Role of Academic and Research Collaboration between DonNTU and Universities of Germany”. He analyzed the 20 year results of collaboration with 20 German partner universities.

Then the presentation made by the Rector of DonNTU Prof. A. Y. Anoprienko followed. He spoke on “Collaboration with German Universities in Computer Science and Technologies.” The Vice-Rector in research Prof. K. Marenich informed on the research practice and topical tasks of collaboration with our German partners and ways and methods of their fulfillment. Prof. Levshov, the Vice Rector in Research and Pedagogic reported on the concept “smart house” being the result of joint research of DonNTU and Germany.

The event speakers also touched upon the issues of application of practice of collaboration with the Institute of Max Plank under the modern conditions, interpretation of German science and education organization at the GEF (the German Engineering Faculty), implementation of partner programs with German universities etc.



From left to right: I.P. Navka, A.Y. Anoprienko.

Photo: S.G.Dzhura.



A.V. Levshov makes his presentation.

Photo: S.G. Dzhura.



Guests of the forum “Days of German Science and Culture”

Photo: S.G. Dzhura.

The forum was open for all comers. It was paid sincere interest to both during coffee-breaks and later on in the Internet.

## NEW AGREEMENTS

In October 2015 four international collaboration agreements have been signed. The first one was with Donskoi State Technical



From left to right: the Acting Rector of DonNTU Prof. A. Anoprienko and the First Vice-Rector of DSTU Prof. Y. Babenkov.

Photo: the official site of DonNTU .

University (DSTU). The document was signed during the visit of the First Vice-Rector of DSTU Prof. Y. Babenkov to DonNTU. According to the information on the official site of our university about 40 thousand students (bachelors, specialists and masters) are trained on 200 fields of science at DSTU. 70% is covered by the engineering profile. There are 20 buildings, congress hall, the complex “Raduga” on the Black Sea coast in the infrastructure of the university. The administration of DonNTU hopes for development of the collaboration in research and academic spheres as the same agreement was

signed in December 2008.

The second one was with the branch of Ukhtinski State Technical University in Usinsk. The document is aimed at the network interaction and collaboration. It implies creation and implementation of joint projects and exchange of information on achievements in research and innovations. The third one was with Lugansk State University named after V. Dal. The term of the agreement is 5 years. The fourth one was with Lipetsk State Technical University.

## INTERNATIONAL COLLABORATION IN PERSONS

### «I PROMISE TO SERVE THE IDEALS OF SCIENCE AND EDUCATION»

Do we often come back to alma mater? It’s most unlikely. If to take into account the fact that the university is in another country. That is why we appreciate the meetings like that very much. 12 years passed but the staff, computers and walls remember the visit of a graduate of the Faculty of Power Engineering of DonNTU Nguen Van An. On that winter day of January 2003 there was a red-carpet meeting of the Academic Board of Donetsk National Technical University when he was awarded the title of Honoured Doctor of DonNTU for his outstanding service to our university. The new Honoured Doctor swore to “*serve the ideals of science and education.*”



The red-carpet meeting of the Academic Board of DonNTU.  
Photo: the archive of DonNTU



At the portrait in the Gallery of Honoured Doctors of DonNTU

We would like to remind our readers that Dr. Nguen Van An, the Chairperson of the National Assembly of the Socialist Republic of Vietnam (SRV), came to Donetsk as a member of the parliamentary delegation of the SRV. He noted the great contribution of the staff of DonNTU to the personnel training of his country (204 citizens of Vietnam got the degrees at our university, 14 of them defended their dissertations). The National Assembly of the SRV had awarded our university and the staff with the Order of Friendship of Peoples with which Dr. Nguen Van An decorated the banner of DonNTU. The final moment of the meeting was marked with the portrait of the Vietnamese

Doctor which was hung on the wall of the Gallery of Honoured Doctors of DonNTU.

You might ask why the meeting is of such a value. The answer is as follows: the atmosphere of the meeting and a preparatory visit was warm and friendly. We remember our graduate, we are proud the knowledge got by him was applied in his motherland. His heart is full of love to science and teachers which cannot be divided according to state and nationality basis.

## INTERNATIONAL SYMPOSIUM IN ROSTOV-ON-DON

**The Vice-Rector of DonNTU in Research Prof. K. Marenich was the Deputy Chairperson of the Organizing Committee of the X international scientific and methodological symposium “Modern Problems of Multi-level Education.”** The event took place at Donskoi State Technical University (Rostov-on-Don, the RF).

Prof. Marenich made his presentation “Practice of Operation of a Technical University under the Armed Conflict” at the plenary meeting. He spoke on the work of the staff of DonNTU that was able to preserve the infrastructure, laboratories of the university and carry out research and academic process in their normal mode under the war.

The professor has been collaborating with his colleagues from Rostov-on Don for many years.



Prof.K. Marenich makes his presentation at the plenary meeting.  
Photo: the personal archive of K. Marenich.

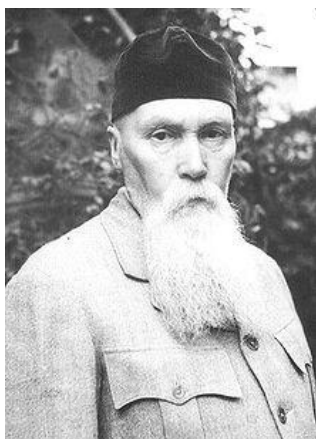
## PRESENTATION MADE BY THE REPRESENTATIVE OF DONNTU AT THE STATE HERMITAGE OF THE RF

**Dr. S. Dzhura, an Associate Professor of the Electrical Engineering Faculty, the Director International, the Director of the Institute of Culture of DonNTU, a winner of the International Roerich Prize represented the DPR and DonNTU at the international scientific and practical conference “The Heritage of Roerich” in St. Petersburg.** The event took place in early October at the State Hermitage (the first day), St. Petersburg State University (Petrovski Hall, the second day), and St. Petersburg Culture Budget Institution “The Museum-Institute of the Roerich Family” (the third day).

*“The event was timed to the 80<sup>th</sup> anniversary of the Roerich’s Pact, 70<sup>th</sup> anniversary of the Great Victory, the 20<sup>th</sup> anniversary of the Museum of History of the School of K. May and the 100<sup>th</sup> anniversary of the essay of N. Roerich “The Cup which was not Taken a Sip of” in which the author expressed the quintessence of his love to Russia (it was written during his trip about Valdai in summer 1915)”*, informed us Dr. Dzhura.

*Nikolai Konstantinovich Roerich is known as the culture leader of the XX century, a great Russian painter, writer, traveler, archeologist and a public figure. He created more than 7000 paintings many of which are in the most famous world galleries, and about 30 literary works. He is the author and initiator of the Roerich’s Pact, the founder of the international cultural movements “Peace through Culture” and “The Peace Banner”. He was a member of many organizations. He was married. His wife was E.I. Roerich. He had two sons – Yuri and*





Portrait of N.K. Roerich, 1940

*Svyatoslav. In his Russian period of life and working he took up archeology and collecting. He had many exhibitions of his works, designed and painted churches, was the director of the school of Emperor's Association of Support of Painters, headed the arts association "The World of Art", took an active part in the projects on defense and revival of the Russian antique and charity funds. Since 1917 he has lived in emigration. The communities and museums of Roerich have existed all over the world since 1920.*

*The Pact of Roerich is also known as the Agreement on protection of art and research institutions and historical monuments or the Washington Pact. It is the first ever international agreement on protection of cultural heritage which stated the privilege of protection of cultural values over the war necessity signed by representatives of 21 American states in Washington on April 15<sup>th</sup> 1935. It is the representative of DonNTU that was mandated to pass the Peace Banner from St. Petersburg to Donetsk this jubilee year. It was presented to the Donetsk National Academic Opera and Ballet House.*

The main topics of the conference were: Topicality of the Pact of Roerich, the Roerich Family and Russian Culture, The Heritage of Roerich and Agni Yoga in the Museum and the Society.

The conference opened by the red-carpet meeting "The Topicality of the Pact of Roerich" at the hall called the General Headquarters of the State Hermitage of the RF. Dr. S. Dzhura made his presentation "The Pact of Roerich in Novorossia". Our readers can watch the video of the presentation in the Internet: <https://vimeo.com/142260205>. There were also presentations "The Pact of Roerich in the XXI Century: Human Protection under the Information War", "Practice of Latin America in Promotion of the Pact of Roerich", "The Role of the State in Preserving of the Heritage of Roerich" etc. At the end of the meeting there was a ceremony of rewarding of the winners of the International Roerich Prize for 2015. It was held by the Director of the State Hermitage of the RF, the President of the World Club of St. Petersburg's Residents Prof. M. Piotrowski.

The main feature of the conference which differentiated it from all the previous ones was that every day of the conference started with the plenary meeting: "The Family of Roerich and Russian Culture; "The Cup, which was not taken a Sip of" and "The Heritage of Roerich and Agni Yoga in the Museum and the Society".

Dr. Dzhura negotiated on collaboration and coordination of its plans with the universities of St. Petersburg which were the first to support DonNTU during the war conflict.

The meeting of the representatives of the Roerich's associations and groups on preserving and actualizing of the heritage of Roerich and integration of the public forces was held in the frameworks of the scientific event. The exhibition "The Abode of Mercy; The Art of Tibetan Buddhism", the presentation of N. Bashkova (Tula) "The Spirit Upper Way: B.N. Abramov" were also organized.



Participants of the XV international conference: second to the left: S.G. Dzhura.

Photo: the personal archive of S. Dzhura.

Scientists from Russia, Lithuania, Belarus, Italy, Switzerland, Israel, the Buryat Republic and Altai were the participants of the conference.

## **NEWS FROM THE DEPARTMENT OF MECHANICAL ENGINEERING TECHNOLOGY OF DONNTU**

**Prof. A. Mikhailov, the Head of the Department of Mechanical Engineering Technology and the Chairperson of the International Union of Mechanical Engineers announced a number of international scientific events he is going to organize in 2016.**

*– The practice of the meetings, conferences, symposia and forums shows that there is a great demand in personal contacts among researchers and industrialists that allow to develop an active and creative collaboration among the experts from companies and enterprises. This is sure to raise the scientific potential of researchers and workers of industrial companies of the Donetsk People’s Republic, the professor says.*



**Prof. A. Mikhailov, the Head of the Department of Mechanical Engineering Technology of DonNTU, the Chairperson of the International Union of Mechanical Engineers.**

Here is the list of the planned events:

1) II international forum “TECHNOSPHERE - 2016 (we would like to remind our readers that the first forum took place on the eve of the Day of Mechanical Engineers. You can see the material in our Newsletter № 8 2015) which is going to take place on September 12-18 2016.

2) XXIII international scientific and technical conference “MECHANICAL ENGINEERING AND TECHNOSPHERE OF THE XXI CENTURY” which will be held in the frameworks of the above forum on September 12-18 2016.

3) XVII congress of the INTERNATIONAL UNION OF MECHANICAL ENGINEERS which is planned to be organized on September 15 2015.

4) IX international scientific and methodological conference “MODERN PROBLEMS OF TECHNOSPHERE AND ENGINEER TRAINING” which will be held in Abkhazia on October 1-9 2016.

Prof. Mikhailov addresses the researchers of DonNTU: “...*the research at DonNTU is carried out by creative people and has good results. We are to be active. That is why I invite all the persons interested to take part in the joint conferences.*”

The publication of the international proceedings of DonNTU “PROGRESSIVE TECHNOLOGIES AND SYSTEMS OF MECHANICAL ENGINEERING” (issue 52), of the international students’ scientific and technical journal “ENGINEER” (№ 20) and international and scientific journal “INNOVATIVE AND INFORMATION MANUFACTURING TECHNOLOGIES” (№ 3) that comes out in English is planned.

## **THE DELEGATION OF DONNTU HAS VISITED DONSKOI STATE TECHNICAL UNIVERSITY**

**The Director of the Scientific and Technical Library of our university Mrs. I. Kolyupanova and the Director of the Centre of Information Computer Technologies Mr. S. Ivanitsa visited the seminar “Application of E-learning and Distance**

**Technologies in Training at Modern Higher Education Establishments” which was held at Donskoi State Technical University. The visit followed the signing of the agreement between our universities.**

The following problems were discussed at the seminar:

- 1) Improving of the system of e-learning based on the SKIF portal at DSTU (O. Zakharova).
- 2) Professional development with the application of computer technologies (N. Shcheglova).
- 3) Protection of personal data and its transfer (O. Shlykov).
- 4) Introduction of the system “Teachers’ Rating at DSTU (S. Fedosov).

The delegation of DonNTU was also shown the planetary scanner ELAR and its operation was demonstrated.

Our representatives studied the work of structural subdivisions and departments of DSTU, got the necessary information and e-materials. They also attended the lecture “Knowledge Independent Assessment Based on Tests” delivered by Prof. Efremova, took part in the seminar ABIS MARK SQL work in the module “Book Supply” at the library of the host university and met the Head of the laboratory of monitoring and automation of training at DSTU Prof. M. Grankov.

The results of the visit were reported at the meeting of the Academic Board of DonNTU.



From left to right: I. Kolyupanova- the Director of the SIL of DonNTU, S. Ivanitsa, the Director of the CICT of DonNTU, and O. Zakharova, the manager of one of the seminars at DSTU.  
Photo: the personal archive of I. Kolyupanova .

## MOSCOW SCIENCE FESTIVAL



Participants of the science festival «NAUKA 0+».

Photo: the personal archive of O. Krisak.

**The delegation of students, master’s students and postgraduate students of Donetsk universities has taken part at the X Moscow Science Festival «NAUKA 0+».** Master’s student O. Krisak from Mining and Geological Faculty of DonNTU and the representatives of Donetsk National University, Donetsk National Medical University named after M. Gorki, Donetsk National University of Economics and Trade named after M. Tugan-Baranovski, Donetsk State University of Management, Donbass National

Academy of Construction and Architecture were at the festival. It was hosted by Moscow State University named after M. Lomonosov. The announcement of the event was placed at the official site of the Ministry of Education and Science of the DPR.

According to O.Krisak *«NAUKA 0+» is an occasion that unites those who appreciate intellect, knowledge and technical ideas. The format of the event allows communication of researchers in informal situations, free access to laboratories of the largest research centres, attendance of popular lectures and exhibitions the displays of which you can touch and participation in exciting contests. As a rule, the participants are of different age and it helps exchange of experience.*



*The event was opened at the assembly hall of the Fundamental Library of MSU. The government of Moscow, representatives of the Russian Academy of Science, museums, research centres, intellectual elite of the capital of the RF, rectors and students of Russian universities and guests from abroad were present at the ceremony. The first day was finished with the festive firework near the central building of MSU.*

Rector of MSU Prof. V. Sadovnichy delivered a lecture “Noah's Ark of the XXI Century is a New Project of MSU.” Young researchers from MSU were given a task to make depository of living systems that is the collection of the samples of biological materials that compose life on the planet. The university has the basis for it – the collections of Biological Faculty, the Anthropological Museum, the Zoological Museum, the Botanical Garden and the Faculties of Medicine, Biological Engineering and Bioinformatics.

O. Krisak also visited the exhibitions on mineralogy, crystallography, and paleontology.

Non-stop presentations spoke on the main schools of modern geology. The master class on jewels and their imitation reveal was given at the departments of Geological Faculty. There was also the demonstration of spores and pollen of ancient and modern plants. He also worked with the microscope that studies thin sections of rock stuck to glass

The young researcher was very happy to talk with Dr. Kononov and get his advice on further research. He also asked some questions to Dr. Tesakova who had delivered her lecture “Great Dinosaurs – the History of Ascending and Decay.”

O. Krisak was impressed by the range of the event and got enthusiastic over the idea to hold the event like this for schoolchildren and university entrants in our native city. We will trace the development of the planned event.



Master's student from DonNTU studies sections in progressing cut.

Photo: the personal archive of O. Krisak.

## HOW TO GET A DOUBLE DEGREE?

**The program of getting a double degree from DonNTU and Ural Federal University named after the first President of Russia B.N. Yeltsin (UFU, Yekaterinburg, Russia) ( the collaboration agreement was signed in December 2014) is a new project of the Faculty of Economics and Management of our university.**

The program is implemented at the Department of International Economics and provides joint training of master's students in management. It is aimed at training of managers of the highest qualification for growing business structures and researchers in modern management having strong analytical, research and leader skills and able to work in a team.

The main feature of the project is the combination of the programs of master's students training in management of DonNTU and UFU. The majority of the disciplines taught at UFU will be taught at DonNTU. This allows our students to attend lectures on them at DonNTU and get attestation on them at UFU. The persons interested can have their incorporated study (for six months or a year) in Russia.

There is one implicit requirement which is defense of the master's dissertation. The topics are coordinated by the partner-universities. Both parties of the program supervise the process. Both universities have the State Attestation Commission the representatives of which take part at the dissertation defense procedure which is in the form of the on-line webinar. Our master's students who are trained on the program have their practice at the companies which are corporate partners of UFU and take part at the training and master classes (including the distance ones) of the leading companies of Yekaterinburg and get special certificates that acknowledge their competence in the real business. Besides, our students are invited to participate in international summer schools where they attend lectures of Russian and foreign experts in management and seminars and also develop projects in management in small teams.



A building of UFU.

Photo: The Internet resource.

The double degree program gives the unique chance to take part at the international programs of UFU. For example, our master's students may study at the Business School of the University of Science and Technologies Lille-1 (France). To do it the students are interviewed with the representatives of the School and have their second year of study at UFU as some of the disciplines are taught in English by invited professors from the University Lille-1 and other European universities and attendance of the classes is compulsory. If the students are successful, they get the degree of «Master commerce international». Thus, if you have your goal you can get three degrees: 1) the degree of master in management of DonNTU (the program International Management); 2) the degree of master in management of UFU (the program International Management); 3) the degree of master in international commerce of the University Lille-1, France.

The program started in Donetsk in September 2015. Eight master's students in international management are its participants. The bachelor's program working on the same principle will start soon.

At present the following universities are taking part in the program: Belarus State University (Minsk, Belarus), Kazakh National University named after Al Farabi (Amati, Kazakhstan), Erevan State University (Erevan, Armenia). The double degree program is in its full force, the enrolment of bachelor's and master's students is going on. Any person interested can be its participant.

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: 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://iic.dgtu.donetsk.ua/> E-mail: [ovs@pop.dgtu.donetsk.ua](mailto:ovs@pop.dgtu.donetsk.ua)