



Setting up of the Miguel de Cervantes Saavedra Russian –Spanish Centre at DonNTU

On November 3-d 2016 the first in the Donetsk People's Republic Miguel de Cervantes Saavedra Russian-Spanish Centre was founded at Donetsk National Technical University. A round table meeting was organized that day. The Vice-Rector in International Links Prof. I. Navka, the Director International Dr. S. Dzhura, the Dean of the French Engineering Faculty Prof. G. Klyagin, the Vice-Dean Dr. E. Sidorova, a worker of the International Office Mr. Puertas Salas, and a graduate of DonNTU Mr. Munyos Kastaneda (he and Dr. Dzhura had been elected the Centre's Co-Chairpersons) were present at the event.

DonNTU and its old partner the Russian-Spanish Centre of the University of Cadiz (Spain) became participants of the program "Flamenco on-line" aimed at students and academic from post-



Soviet countries. FER: www.flamencoenred.tv

"Flamenco on-line" is a project financed by the Atalaia Observatory and the Ministry of Economics and Education of the Government of Andalusia. The course will help the students to be immersed in the world of this unique Spanish art through informative and academic blocks which are accessible for all interested. Taking the distance course is free. The project is intended for the wide audience and does not require presence at the university classes. However, the transfer of credits is possible which is left to each university and inner standards adopted there.

The program starts on January 12th 2017 and finishes on April 26th 2017. If a student is interested in the credit transfer, the registration is required. The personal registration will start on December the 1st and finish on January 12th. We will provide you with the link on our site. Follow the news.

A NEW INTERNATIONAL COLLABORATION AGREEMENT WAS SIGNED BETWEEN DONNTU AND ORENBURG STATE UNIVERSITY

In October 2016 the Rector of DonNTU Prof. K. Marenich signed a new collaboration agreement with Orenburg State University. The Acting Rector Prof. S. Pankova signed the agreement on behalf of our new partner-university.

Prof. Marenich visited Orenburg State University to become acquainted with it and sign a framework agreement on all-round collaboration in education, science, and culture. The prospects of bilateral collaboration and joint implementation of goals were discussed at the meeting. Then the agreement was signed.



The main building of Orenburg State University

Photo: the Internet resource

Signing of the agreement shows that despite the warlike situation in our young Republic we go on getting collaboration proposals from other countries. It emphasizes high professionalism of our university.

DonNTU has held the I International Scientific and Practical Conference on Program Engineering

On November 16-17th Donetsk National Technical University held the I International Scientific and Practical Conference “Program Engineering: Methods and Technologies of Development of Data Processing Systems (PEDPS-2016). The Conference was organized by the Department of Program Engineering of the Faculty of Computer Science of DonNTU. The Conference partners were: South Federal University (Rostov-on-Don, Taganrog), Ulyanovsk State Technical University (Ulyanovsk), RU “Higher School of Economics and its Department of Program Engineering (Moscow), Russian Economic University named after G. Plekhanov (Moscow), South Russian State Polytechnic University named after M. Platov (Novocherkassk), RU Moscow Institute of Electronic Engineering, Donetsk National University, the Ministry of Telecommunications of the DPR.

The goal of the Conference was to organize exchange of new ideas and technologies among professionals working in program engineering and taking part in analysis, specification, development, and design and testing of computer systems and also to widen collaboration in industrial programming between state and commercial structures.



Dr. O. Fedyaev

Photo: O. Fedyaev

The Head of the Department of Program Engineering Dr. O. Fedyaev spoke on the origin of the term of “program engineering”, how it turned to be the whole industry that covers all the aspects of our life. He emphasized that PEDPS- 2016 is a discussion platform in Donetsk which helps to exchange new ideas and technologies among software engineering experts.

The Vice-Rector in International Links of DonNTU Prof. I. Navka greeted the participants. He thanked our Russian colleagues for their support and participation in the event and wished creative mood and fruitful discussions to all present. The Conference guest Prof. I. Kozhukhov (NRU Moscow Institute of Electronic Engineering) said that Donbass researchers had always been in the forefront of research and hoped for the links between the two universities to go on and strengthen.

He also said that it was very important to train high IT specialists for the region who would be able to develop program systems of a high degree of complexity. Thus it is crucial for the students to take part at the conferences like this one. Prof. Kozhukhov handed in the proceedings of the conference taken place at DonNTU in May. They had been published at NRU Moscow Institute of Electronic Engineering.

The Conference hosted researchers, postgraduate and undergraduate students from 5 countries: Russia, Ukraine, Sweden, the Donetsk People’s Republic and the Lugansk People’s Republic. Papers had been submitted by researchers from Moscow, Tver, Taganrog, Ulyanovsk, Novosibirsk, Irkutsk, Rybinsk, Odessa, Kirovograd, Lugansk, and Donetsk. The cities were represented by MSTU named after N. Bauman (Russia), RU “Higher School of Economics (the Department of Program Engineering)” (Moscow), Tver State Technical University, South Federal University (Rostov-on-Don, Taganrog), Ulyanovsk State Technical University, the Information System Institute named after A. Ershov, the Institute of Dynamics and Control Theory named after V. Matrosov (Irkutsk), Rybinsk State Aviation Technical University named after P. Solovyov, Kirovograd State Pedagogic University, Lugansk National University, the Ministry of Telecommunications of the DPR, Donetsk National Medical University and Donetsk National Technical University.



The Vice-Rector Prof. I. Navka greets the participants.

Photo: O. Fedyaev



Prof. I. Kozhukhov

Photo: O.Fedyaev

There was on-line presentation “Information 3-D Design of Industrial Objects based on Russian Technologies” made by Mr. A. Korostylyov from the company sSoft (Moscow). It was of high interest and followed by an active discussion.

We are very grateful to the company cSoft for the support and collaboration at this difficult period of time.

According to the request of Prof. I. Bershadski to widen the range of the software handed in to DonNTU for academic purposes, the company cSoft provided us with the ninth software Project Studio CS Electrical Work 10.0. 3445. 3445. It is a special program for automated making of projects on power electrical equipment, indoor and outdoor lighting of industrial and civil objects, and it is of great importance for modern teaching of special disciplines delivered at DonNTU and fully meets the standards of higher professional education of the RF. The staff of the Electrical Engineering Faculty of DonNTU confirms that the company cSoft produces the most needed high quality software that helps an electrical engineer to solve all necessary tasks according to the standards of the RF and the world producers. The presentation of the program for the companies of the DPR and the LPR is planned for the spring term. It will develop links between universities and companies and introduce the advanced achievements into the practice of the enterprises of Novorossia.

The results of the Conference are as follows:

1. It was an important event for the industry of data processing software development. It is a discussion platform at which all the range of modern technologies, methodologies and tools of

program engineering could be discussed biannually. Besides, the issues of training of IT specialists could also be debated there.

2. Training of high class programmers who are champions of new information technologies at many companies is impossible without active collaboration between the Faculty of Computer Technologies of DonNTU and profile companies and firms of the Region. The University could make projects, set up laboratories to solve industrial tasks etc.

INTERNATIONAL COLLABORATION IN PERSONS: PROF. VADIM IVANOVICH STRELNIKOV



Prof. Strelnikov

Photo: Site of DonNTU

Prof. V. Strelnikov works at the Department of Minerals Mining of DonNTU. In 1961 he graduated from Donetsk Polytechnic Institute. He has headed the Mining Institute Department of the Institute of International Collaboration. Prof. Strelnikov has been delivering lectures for mining engineering students in Germany for 10 years. His students had their annual integrated study courses at Higher Engineering School named after George Agricola in Bochum, Germany and their industrial training at the mine Ost.

Prof. Strelnikov has been awarded the order of “Nations’ Friendship” for his contribution into international bringing up of young people.

He was the Dean of the Foreign Students Department in 1972-1995. The Department trained engineers for foreign countries. The best school leavers were the Department’s first students. They knew Russian as had completed the courses of the Russian language in their native countries. The training was in the frameworks of international collaboration. The results of the Department’s operation were impressive:

- 1) The first graduates in 1975 were from developing countries. Two citizens of Egypt defended their Candidate’s dissertations the same year.
- 2) The students went sightseeing to different cities of the country and had their rest on the seaside.
- 3) In spring of 1975 the students’ club “Interclub” was opened. Both Soviet and foreign students had taken part in its construction. The “Interclub” was the centre of culture where different national and international events took place. It was a students’ civil organization which helped the students to develop their organizational skills that later on assisted the graduates to make their careers in their native countries.
- 4) Since 1975 The Inter Board has been the most influential elective board of students’ self-government. It influenced the academic and civil life of the foreign students. It helped in celebration of national holidays and the foreign students participated in civil activities and in the work of students’ construction teams.

A growing number of foreign students and the necessity to teach them Russian required setting up of the Department of the Russian as a Foreign Language. Thus, high qualification teachers were trained with this purpose in 1970-1980. The Department was one of the best in the country.

The foreign students were taught according to the university’s curricula. However, with taking into account the conditions of the graduates’ future work, some disciplines were added. For example, the courses “Metal Corrosion under the Tropical Climate”, “Operation of Electrical Equipment under the Tropical Climate”, “Modern Philosophy Theories of Western Countries” were also taught. As a rule, the foreign students got their Master’s degree which gave them a right of free employment in their native countries.

The contribution of Prof. Strelnikov into the development of the Department and the University is invaluable. *So, we are the “Vatniks”, aren’t we?*

The visit of Prof. V. Goltsov to Perm National Research Polytechnic University

Prof. V. Goltsov was invited to visit Perm National Research Polytechnic University in October. He was to make his presentation at the 3-d International Scientific and Practical Conference “Innovation Technologies in Material Science and Mechanical Engineering – ITMM – 2016”.

The visit was a significant one from the point of view of getting information on modern



The main building of PNRPU

Photo: Internet resource

achievements in material science and thermal treatment of steel and alloys and keeping contacts with the Russian researchers working in the area. The important task was also to strengthen the priority of DonNTU in hydrogen material science and material hydrogen treatment.

Key researchers from Bulgaria, Belarus, the DPR, Germany, Poland and Russia were the members of the Organizing and Program Committees of the ITMM- 2016. Prof. Goltsov represented DonNTU in the Organizing

Committee.

He made his speech at the ceremony of the Conference opening and informed the participants on the Problem Research Laboratory of Interaction of Hydrogen with Metal and Hydrogen Technologies in Modern Conditions.

Prof. Goltsov also delivered his lecture “Hydrogen Induced Polymorphism and Phase-and-Structural Basics of the Material Hydrogen Treatment”. The achievements of DonNTU in the field were of great interests and caused some discussions. Dr. L. Goltsova delivered her survey lecture “The World Hydrogen Movement: Research Communities in Hydrogen Power Engineering and Hydrogen Material Science – Historical and Modern Aspects”. The audience liked it too. Both lectures were accompanied by computer presentations. The video on hydride transformations on the surface of palladium sample was of special interest.

Besides, the Goltsovs took part at the meetings of the Organizing Committee and the meeting of the competitive commission that discussed the presentations of young researchers. They also were active in the discussion of thermal classification of phase transformations.

They showed the photos of Donetsk to the participants and answered many questions concerning the Donbass Region and DonNTU.

DonNTU Receives Gratitude from the Largest Russian Company ASKON

The graduate of DonNTU Mr.Valery Gokun won the International Youth Contest “The Future Aces at Computer 3-D Simulation -2016.” It is a prestigious contest organized for universities that use in their teaching the systems Compass-3D, Vertical, Pilot: PLM. The company ASKON which is the largest developer of the Russian engineering software was the contest organizer. Valery had prepared his project “BB-8” (Prof. O. Gaidar being his supervisor).

The expert commission appreciated the interesting idea and the skill of application of the system Compass-3D in its implementation.



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Донецкий национальный технический университет
Ректору Маренчу К. Н.

Уважаемый Константин Николаевич!

Студент университета **Гокун Валерий** принял участие в Международном молодежном конкурсе «Будущие АСы КОМПьютерного 3D-моделирования 2016» — престижном состязании для учебных заведений, использующих в рамках инженерных дисциплин системы КОМПАС-3D, ВЕРТИКАЛЬ, ЛЮЦМАН.РЛМ. Организатором конкурса является компания ASKON, крупнейший разработчик российского инженерного программного обеспечения.

В 2016 году Валерий подготовил на конкурсе проект «ВВ-8».
Руководитель проекта: Гайдарь Олег Георгиевич, заведующий кафедрой начертательной геометрии и инженерной графики.

Экспертная комиссия оценила интересную идею и мастерство использования системы КОМПАС-3D, проявленное при ее реализации. Валерий продемонстрировал не только действительно высокий уровень владения современными инструментами проектирования, но и показал способность нестандартно и творчески подходить к решению инженерных задач.

Компания ASKON выражает администрации и преподавательскому составу Донецкого национального технического университета благодарность за понимание важной роли, которую информационные технологии играют сегодня в подготовке специалистов инженерных профессий. Ведь именно искренний интерес к инженерному делу и умение сочетать полученные во время учебы теоретические знания с практическими навыками 3D-моделирования позволяют ребятам достойно представить свое учебное заведение на международном уровне.

С уважением и пожеланием успехов,
руководитель образовательной программы ASKON
«Будь инженером!»

О. Я. Чернядыева

The letter of gratitude from the Russian company ASKON

Photo: Site of DonNTU

Mr. Gokun demonstrated not only his mastering of modern design tools but also showed his ability to solve engineering tasks in creative and non-standard ways.

The representative of the company ASKON and the head of the education program “Be an Engineer!” Ms O. Chernyadyeva sent a letter at the address of the administration and the staff of DonNTU. She emphasized their understanding of the key role information technologies play in training modern engineers. It is sincere interest paid to engineering and the ability to combine theoretical knowledge and practical skills in 3D simulation that helps the graduates to represent their university on the international level.

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: 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-mezhdunorodnogo-sotrudnichestva> E-mail: ovs@donntu.org