



## THE JUBILEE OF COLLABORATION OF DONNTU AND MOSCOW STATE UNIVERSITY OF ENGINEERING ECOLOGY (MSUEE)



The IX international conference Ecological Problems of Industrial Megapolises devoted to the 10<sup>th</sup> anniversary of signing the collaboration agreement between DonNTU and MSUEE has taken place at Moscow State University of Engineering Ecology.

DonNTU was represented by the delegation the members of which were Prof. A. Parfenyuk, Prof. S. Veretelnik, postgraduate students D. Ilchenko and V. Borovlyov, and students E. Alekseenko, A. Karachentsev, V. Pavlenko, and D. Andreeva.

Paying the tribute to the long term collaboration between the universities our delegation was met at the station by the Rector of MSUEE D. Baranov and the Vice-

Rector on Research V. Klevleev. The delegation, especially its young representatives were impressed very much!

The Plenary Meeting took place at the classroom named after the famous politician of the USSR, the Minister of Chemical Industry of the USSR and a brilliant student of Moscow Institute of Chemical Engineering (now MSUEE) L.Kostandov.

The conference was opened by the Rector and the Vice-Rector who spoke on fruitful collaboration between the two universities. They emphasized the success of collaboration with the Department of Machines and Apparatus of Chemical Plants where four former postgraduate students of MSUEE are working.

In response Prof. A. Parfenyuk passed the audience the greetings from the Rector of DonNTU Prof. A. Minaev and handed in the chronicle published to honour the 90<sup>th</sup> anniversary of DonNTU. The chronicle will be kept in the museum of MSUEE.

The representatives of DonNTU made their presentations and answered the questions asked by Prof. M. Generalov, deans, researchers and students of MSUEE.

All the speakers of DonNTU were awarded by the diplomas of the Organizing Committee for the topicality of the reports and a high scientific level of the presentations. The author of the book MICE-MSUEE: Logics of Development V. Lyubartovich presented each of the participants with his book with his registered signature.

The Rector of MSUEE Prof. D. Baranov spoke about the future plans of the collaboration between the two universities.

The delegation of DonNTU visited departments and laboratories of the university and the library. The social program covered the sightseeing of Moscow, the visit to the Museum of Visual Arts named after A. Pushkin and the Cathedral of Christ the Saviour.

It was the first visit to Moscow for our students. They were impressed by the city very much and got the impulse for further collaboration which is going on.



## THE VISIT OF THE DELEGATION OF MOSCOW STATE TECHNICAL UNIVERSITY TO DONNTU



The team of the veterans of the football club of Moscow State Technical University named after N. Bauman (MSTU) visited DonNTU on May 25<sup>th</sup>-27<sup>th</sup> according to agreement of collaboration between the two universities.

The goal of the visit was to play a mini-football game with the veterans' team of DonNTU organized within the frameworks of festivities devoted to the anniversary of foundation of DonNTU and Euro 2012.

The delegation had a meeting with the Vice-Rector Prof. Navka and the Chairperson of Trade Union's organization Prof. A. Panasenko. They

discussed the aspects of further mutually beneficial collaboration in science, methodology and research. The issues of exchange of delegations, participation in conferences and sports and cultural events were also covered.

The match on mini-football between the teams of DonNTU and MSTU was interesting and exciting. The team of DonNTU won 3:0.

As a part of the social program the Russian delegation visited one of the best parts of the Donetsk region – the landscape national park MIOTIDA and went sightseeing in Donetsk. They visited the forged figure park, Pushkin's Boulevard and the park named after Shcherbakov.

As a result, further strengthening of business, scientific, pedagogic, sports and friendship contacts between the universities was planned.

## THE WORK IN THE FRAMEWORKS OF THE EUROPEAN PROGRAM ERASMUS MUNDUS

The work on the project East-West European Network on Higher Technical Education (EWENT) within the frameworks of the program of ERASMUS MUNDUS is going on. It is aimed at establishing of the network of scientific and academic collaboration in the field of engineering education between the universities of the EU and Belarus, Moldova and Ukraine. The main goal of the project is to support the students, postgraduate students and academics' mobility by organizing of their study and study courses at foreign universities. DonNTU is one of the seven members of the consortium headed by Warsaw Technical University (Poland). Prof. Y. Skobtsov visited Warsaw Technical University on the invitation of the Head of the Department of Automated Design of the Faculty of Electronics and Information Technologies of the Institute of Microelectronics and Optoelectronics of the university Prof. V. Kuzmich in the end of April.

He discussed the possible joint work in the frameworks of the EWENT. He was also shown the modern laboratories of design of analogous and digital schemes based on the licensed design automation systems of the leading companies of Europe and the USA. Prof. Y. Skobtsov made his presentation on research in the field of design automation and digital scheme testing done at DonNTU. The Polish party was interested in evolution methods of the digital scheme design and testing the modifications of which can be used during the design of the schemes at WTU.

Both parties made the conclusion that joint research on scheme design evolution methods can be done. Besides, the joint preparation of manuals on design automation for different training levels (from bachelor to postgraduate courses) is possible. The Department of Design Automation of the Polish University can receive our students for one year's training within the exchange program.

The guest was shown main buildings of the university





(founded and built according to the order of Nikolay II) and told him about their history. Some interesting excursions around Warsaw and its suburbs were organized.

The participation in the EWENT project will allow our student and postgraduate students to study at WTU during one year and academics- to do their study courses during 1-3 months.

The detailed information on the project can be found at <http://ewent.meil.pw.edu.pl/>

## THE SCIENTIFIC COLLABORATION WITH TURKEY

The Assistant Professor of the Department Monitoring Computer Systems V. Belovodski visited Turkey in May. Yildiz Technical University (YTU) hosted him.

He participated in the scientific program Non-linear and Chaotic Non-ideal Vibrations and their Application in Modern Engineering. The program had a form of a seminar. The analogous research is being carried out at DonNTU under the supervision of Prof. V. Kondrakhin. A/Prof Belovodski presented the results of the research and made presentation of the original software.

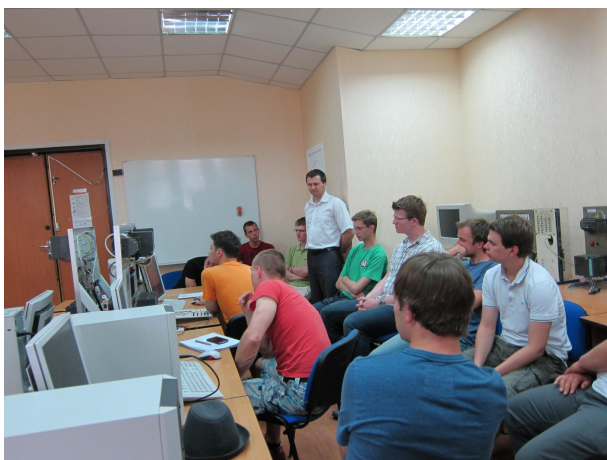
The main part of the visit covered the meetings with the Professors G.Fusun Alisverisci, Hussein Bayiroglu (Turkey) and M.Jose Balthazar (Brasil). Professors G.Fusun Alisverisci and Hussein Bayiroglu are the leading academics of the Mechanical Engineering Faculty and they research on the same problem. Prof. M.Jose Balthazar is a professor of the University of San Paulo which is, according to the non-official classification, among the first hundred best universities of the world. He is a famous expert in non-linear dynamic system analysis. He had been an organizer of a number of international conferences on vibration. A/Prof. Belovodski and Prof. M.Jose Balthazar analyzed the results of the latest research and discussed the possibilities of joint research and publications.



The Turkish professors paid an interest to the Mechanical Engineering Faculty of DonNTU. They were shown our university's Internet site and invited to the annual conference the university holds in Sevastopol.

YTU was founded in 1911. Now it is one of the largest universities in Turkey where 25 thousand students are being trained. It is among the best three universities of the country. It has 11 faculties and its campuses are in the scenic spots of Istanbul.

## THE SUMMER SCHOOL FOR GERMAN STUDENTS AT DONNTU



It's a tradition for the students of the German Engineering Faculty to have their practical course abroad. To have practice at DonNTU is a rare case for the students from Germany. That is why the idea of the students from the University of Magdeburg to have their studies at the summer school was born.

In accordance with the previously coordinated program a group of German students and two supervisors did their practical course at DonNTU on May 21-25<sup>th</sup>.

They got the information on the Faculty and its departments, the laboratories on FPGA technologies.

They and Ukrainian students attended lectures on complex electrical and mechanical system modeling

delivered by both Ukrainian and German lecturers.

The guests went sightseeing in Donetsk and its suburbs. They had excursions to Shcherbakov's Park, the stadium Donbass Arena, Svyatogorsk.

They also talked with the students studying technical German, made their presentations and answered questions. It allowed making a conclusion that the guests had good impression on Donetsk, DonNTU and the GEF. That is why the students from Germany said: "See you very soon" when they parted.

## THE INTERNATIONAL FORUM OF STUDENTS AND YOUNG SCIENTISTS IN ST. PETERSBURG



The National University of Minerals of St. Petersburg hosted the International Forum-Contest of Young Scientists "Problems of Interior Use".

400 young researchers from 22 countries (Austria, Albania, Armenia, Belarus, Great Britain, Vietnam, Germany, Spain, Kazakhstan, Canada, China, Latvia, Morocco, Mongolia, Poland, Russia, Romania, the USA, Ukraine, Finland, France, the Czech Republic, and South Korea) participated in the forum.

Our university was represented by the team of the Mining and Geological Faculty: Prof. S. Borshchevski, A/Prof. S. Negriy, I. Sakhno, the postgraduate student A. Serdyuk and the students V. Bugayov, E. Vasilenko, F. Golubev, E. Grishchenkova, and I. Kremen.

More than 250 presentations were made at 9 breakup group meetings.

The contest commission emphasized the high level of knowledge the contestants had. 79 diplomas of the 1,2, and 3 levels were awarded. There were such nominations as The Best Student, The best Postgraduate Student and Young Researcher. The student of DoNTU V. Bugayov (I. Sakno is his supervisor) got the award in the nomination The Best Student.



The participants of the forum visited the academic and research centers of the University, its laboratories and the mining museum.

They also had an excursion St. Petersburg in the Evening and visited the Cathedral of Macarius of Egypt.

The participants of the international forum expressed their gratitude to the University's Rector and the Organizing Committee for the high level of the event.

## STUDY COURSE FOR THE STUDENTS OF ECONOMICS AT MOSCOW HIGH SCHOOL OF ECONOMICS



The students of the Faculty of Economics had their study course at the Faculty of Economics of the National Research University "High School of Economics (Moscow) (RI GSE) in April. The visit was organized in the frameworks of the collaboration agreement with DonNTU. <http://www.hse.ru/>

The students had had the contest according to the quota of place available. The criteria were their progress in studies, participation in scientific conferences and events and their motivation.

The students attended lectures, seminars, round table meetings and conferences, visited the library of the hosting university and worked with e-resources.



The students chose the courses according to their interest and attended the lectures and optional classes of Moscow academics K. Gonchar, M. Yudkevich, G. Kantovich etc. Some of them managed to attend the seminars of foreign academics.

They also participated in the scientific conference for postgraduate students and young researchers “Philosophy. Language. Culture” held at the RI GSE. The students liked the presentation made by Prof. V. Porus very much. It was about spirituality, its crisis and the ways of its overcoming.

In their free time the students worked in the reading room of the university. The number of volumes and the quality of the materials impressed them.

The result of the study course will launch the collaboration between the two universities into a new level. The exchange of knowledge raises the education level, calls for new ideas and improves the motivation of students. The experience they got could be applied not only in studying and research but also in everyday life. In students’ opinion the study course helps in their self-organizing.

## THE CENTRE OF CAREER HELPS IN EMPLOYMENT

The 7<sup>th</sup> vacancy fair was organized for the 3, 4, 5 year students of all specialities of DonNTU on April 19<sup>th</sup>. The Career Centre, the Rector and Deans’ Offices and the Students’ Trade Union were its organizers.

The fairs like this one became a tradition not only for the university, but also for employers.

27 companies took part in the fair. 4 of them were from abroad: Cargill that operates in 67 world countries, Ernst and Young operating in 140 countries, the consulting company KPMG that serves in 152 countries and Procter&Gamble having 172 year experience of working at 180 countries of the world.

More than 1000 students took part in the fair. The personal participation in the fair improves the skills of having an interview, makes the students assured in their promising future and helps them in self-realization.



In 2011 the Centre of Career of DonNTU and the Procter&Gamble implemented the project aimed at training students in taking the initiative in employment, making up a resume and negotiating with employers. The winner of the contest Y. Veselova had her summer study course at the enterprises of Procter&Gamble and then she was proposed a job.

DonNTU and the Cargill Company organized a career day for the graduates of engineering specialties of DonNTU who had good command in English. Our graduates were selected for their study courses at the enterprises of the Cargill with further employment at the company.

The detailed information on the events can be found at the Centre’s site, in the Students’ Trade Union Office, Dean’s Offices of the faculties, the university’s newspaper Donetsk Polytechnic and the newsletter of DonNTU. The application forms should be submitted to the Career Centre which is in the 11<sup>th</sup> building of the University, room 416.

The 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: 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; web-site: <http://iic.dgtu.donetsk.ua/>; e-mail: [ovs@pop.dgtu.donetsk.ua](mailto:ovs@pop.dgtu.donetsk.ua)