



## AN HONORARY AWARD FOR THE CONTRIBUTION INTO THE INTERNATIONAL COLLABORATION

In November the Department of Computer Engineering of DonNTU and the Institute of System Dynamics and Automated Control of the University of Stuttgart (ISR) celebrated the 40<sup>th</sup> anniversary of the



scientific collaboration. As to the Institute of Automation and Programming Engineering (IAS), the Institute of Parallel and Distributed Systems (IPVS), the super-powerful Computer Centre (HLRS), the cluster of simulation technologies (SimTech-Cluster), they started collaborating some years later. DonNTU and the University of Stuttgart signed the agreement in 2000.

To celebrate the jubilee a scientific seminar was held at DonNTU on November 3-5<sup>th</sup>. The Rectors of both universities, the Honorary Doctors of DonNTU, the General Consul of Germany in Donetsk, the head of the Information Centre of the DAAD in Kiev, the staff, postgraduate students and students of the Computer Engineering Faculty and German Engineering Faculty attended the seminar the chairpersons of which were the Dean of the Computer Engineering faculty Prof. A. Anoprienko and the founder of the collaboration from the Ukrainian party Prof. Svyatni, the Head of the Department of Computer Engineering.

The University of Stuttgart continued the celebration on November 15<sup>th</sup>. According to the order of the Senate of the University of Stuttgart Prof. Svyatni was awarded the medal “For the Long Term Collaboration in Training Students and Research”. The Rector of the University of Stuttgart handed the medal in to the Ukrainian professor and spoke on his assurance in further development of the collaboration between our universities.

## MINING ENGINEERS OF DONNTU –20 YEARS IN THE EUROPEAN SCIENTIFIC AREA

The International Conference “XI International School of Geo-Mechanics” was held in Poland on November 15<sup>-18<sup>th</sup></sup>. The organizers of the conference was Silesian Polytechnic University (Poland) and its Department of Geo-Mechanics and Surface Protection. Academics of the Institute of Mining and geology of DonNTU take an active part in organization of such conferences which are held in the frameworks of the European subject-matter of “GEOTECHNICS”. This very conference was the 20<sup>th</sup> that is a jubilee one.



During all the years 99 researchers of DonNTU made 97 presentations which were appreciated by the participating researchers. The scientific level of the presentations allowed DonNTU to be included into the list of organizers of the event, and the Rector of DonNTU is a member of the honorary presidium of the conference. Prof. Moroz (DonNTU) is a member of the Programming Committee, and the head of the breakup group on modern ways of mine protection. Prof. Moroz passed the greetings from DonNTU’s Rector at the opening ceremony (see the photo).

This year more than 100 researchers made 68 presentations at the conference. They came from Poland, the Czech Republic, Ukraine, Germany, France and Russia.

The spokespersons from state industrial enterprises and private companies also made their presentations at the conference and discussed different developments they became interested in. The high level of the conference is proved by participation of politicians and members of governments. This year a deputy of the Parliament of Europe and its ex-chairperson Prof. Buzek made his presentation on energy situation and the policy of the EU. He spoke on the outlooks of mining in Poland and the state's place in the international integration in the area, and answered many questions.

There was an active discussion between Prof. Moroz and Prof. Buzek on shale gas production; its reasonability and ecological affect for the densely populated areas (see the photo).

The hosts did their best as to the accommodation of the participants and the social activity. There were the traditional concerts of classical music and non-official meetings at which the outlooks of further collaboration and publishing of the results of research done by the participants of the conference were discussed.

The abstracts of the presentations were included into the proceedings, and the full versions were on CDs which demonstrates the resource conservation approach of the organizers to the problem.

The long-term fruitful and mutually beneficial collaboration of the staff of DonNTU with the researchers from the EU is an example that proves the real chance of entering of our researchers into the European scientific area.



## COLLABORATION WITH A TECHNICAL UNIVERSITY FROM THE CZECH REPUBLIC

Prof. Privalov from the Geology Department of DonNTU has visited the Czech Republic within the frameworks of the collaboration agreement between Vysoká škola báňská – Technická univerzita Ostrava and DonNTU.

He visited the Institute of Pure Technologies of Production and Usage of Energy and studied the practical usage of equipment and different methods of investigation of organic and mineral substances of rocks of Mikulevskaya formation (the Czech Republic) and the Donbass Basin (Ukraine).

He also coordinated the collaboration between the two universities in development of alternative energy being one of the sources of energy safety in Europe.

He participated in geological research made by the Head of the Department of Engineering Geology of Ostrava University.

Prof. Privalov prepared the material on the potential of the country in non-traditional hydrocarbon, shale gas in particular. The materials will be used in training and joint publications.

## THE INTERNATIONAL SCIENTIFIC CONGRESS GLOBALISTICS -2013



The III International Scientific Congress Globalistics-2013 was held at Moscow State University named after M. Lomonosov in late October. The congress was devoted to the 150<sup>th</sup> anniversary of the academician V. Vernadski.

Prof. D. Muza, the head of the Philosophy Department represented DonNTU at the conference that was supported by the UNESCO, the Ministry of Science of Russia and the Russian Academy of Science.

700 people from 40 countries of 5 continents participated in the Congress. There were seven breakup groups, three symposia, five round table meetings, two video conferences, master classes, IT exhibitions etc in the programme of the event. The scientists discussed the tasks of inter-disciplinary research, analyzed the plot of the global development on some particular examples (the future of the European institutionalism, colliding of the modern system of international relations, global development models, the “big history” and its role in interpretation of modern global processes).

Prof. Muza participated in the work of the breakup group “Verndadski’s Concept of Biosphere and Noosphere: Modern Interpretation and the Global Evolutionism” and made his presentation “V. Vernadski on Ethic Dominants of Noospherogenesis” in which he touched upon ethic and axiological regulation of the behavior of researchers in their professional and social functions.

## **JOINT WITH THE UNIVERSITY OF MAGDEBURG BI-NATIONAL POST- GRADUATE COURSE**

The joint with the University of Magdeburg bi-national post- graduate course has been established at DonNTU in the frameworks of the DAAD program “The German Post- Graduate Network”. It provides doing research both in Donetsk and Magdeburg with involvement of Ukrainian Master’s students and young researchers. The staff of the department supports each bi-national post-graduate student which is the basis for his/her future work at the department after the defense of the dissertation. Both Ukrainian and German academics and researchers are supervisors of the bi-national post-graduate students.

These are the participants of the bi-national post-graduate course and their supervisors from DonNTU and the University of Magdeburg:



1. I. Belchev
2. A. Fyodorov
3. A. SErgienko
4. D. Bazhutin
5. O. Kovyazin.



- Prof. Z. Styczynski  
 Prof. C. Diedrich  
 Prof. R. Leidhold  
 Prof. F. Palis  
 Prof. A. Kienle



- Prof. N. Grebchenko  
 Prof. A. Levshov  
 Prof. S. Starostin  
 Prof. O. Tolochko  
 Prof. V. Sivokobylenko



## **THE INTERNATIONAL CONFERENCE OF YOUNG JAPANISTS**

The 5<sup>th</sup> International Conference of young Japanists “The New View” was held at the research institute “The Highest School of Economics”, Moscow on December 12-13<sup>th</sup>. The organizers of the conference were the Department of Oriental Studies of the Philosophical Faculty of “The Highest School of Economics” and the Association of Japanists.



The goal of the conference was to raise the initiative of young Japanist researchers, create the space for inter-branch integration in investigation of Japan and acquaint the participants with each other.

DonNTU was represented by the fourth year student of the Faculty of Computer Engineering A. Bibik who participated in the conference on the invitation of the Organizing Committee.

The students, master’s students, post-graduate students and young researchers were greeted by the chairperson of the Association of Japanists and the head of the Department of Oriental Studies of “The Highest School of Economics”. There were 8 breakup groups at the conference. A. Bibik made her presentation at the breakup group Religion and Ideology.

All the presentations were commented by famous scientists and the young researchers made contacts with their more experienced colleagues not in the academic process but on the basis of the professional activity.

The proceedings of the conference will be published soon.

## INTEGRATED STUDYING IN ITALY ON THE TEMPO PROJECT



DonNTU signed the partnership declaration of the project of trans-European mobility in education for sustainability (TEMPO) in 2012. The project is being fulfilled in the frameworks of the programme of academic mobility and international collaboration in higher education Erasmus Mundus financed by the EU. It is aimed at strengthening of the academic mobility of students, academics and collaboration among universities.

The Erasmus Mundus scholarships are given on competitive basis and selection of students during which the education, practical experience, foreign language knowledge and motivation are taken into account. 5 students of DonNTU were selected as the scholarship holders. Four of them got the opportunity to study in Portugal, and one more (A. Alekseev) in Turin Polytechnic University (POLITO, Italy).

Alekseev attended lectures on Material Science, Thermal and Hydraulic Machines, Economics, Business and Management and got new knowledge in thermodynamics, ferrous and non-ferrous alloys and their application in industry and macro- and – micro economics. He also worked in laboratories, improved his knowledge in engineering terminology, English and basics of Italian. The experience will be applied during preparation of his master's diploma project and the future professional activity.

The hosts did their best and assisted him in getting his residence visa in Italy, organizing his personal curriculum and registration him to take an exam in Italian. He got full access to all necessary training materials.

The scholarship covers the period of ten months. The first stage lasted from September 9<sup>th</sup> till November 30<sup>th</sup>. After passing his exams at DonNTU, Alekseev came back to Italy on December 14<sup>th</sup> and continues his studying there.

## DOUBLE DIPLOMA PROGRAM



DonNTU initiated the double diploma program for its students of International Economy program and those from the University of Otto-von-Guericke (Magdeburg) studying International Business and economics. The main part of economic subjects taught in Germany are trained at DonNTU that allows our students to attend lectures and classes at our university and then get the attestation on them in Magdeburg. But there are some profile disciplines which are to be studied in Germany with getting the attestation on them.

There is no tuition fee for our students in Germany. They only have to cover transportation, insurance and accommodation. The German party proposes some scholarships for the most talented students. Those who wish to study in German have to meet rather strict requirements. They should know a foreign language, be good students at DonNTU, ready to live and study abroad. The selection process starts at the second year of study: the students do some research and then make their presentations in English. The best of them participate in the second round showing their work to German academics coming to Donetsk with this purpose. Now 20 students are studying on the programme and six more will go to Magdeburg next semester. Besides, 18 students continue their studying at the German university after getting their Bachelor's diplomas at DonNTU.

## HOLDERS OF UKRAINIAN AND EUROPEAN MASTER'S DIPLOMAS

The students of the Department of Management and Business law E. Poda and T. Dzyubas got two Master's diplomas – European and Ukrainian- staying in Ukraine.

They got their master's diplomas of DonNTU on Management of Organizations and Administration in January. The diploma is competitive at the local labour market due to the high level of the staff and the national rating of our university.



They also got their Master's international diplomas after graduation from the International Security Management Association (Latvia).

It was a distant learning in Russian. They immediately got the access to the e-bases of the university and got timely support from the coordinators of the international program.

The European Examination Commission gave the graduates rather a high mark (8 points out of 10). They were also proposed to continue their education at the post-graduate course in Riga with the further employment. Besides they had a chance to have either one year practice or three month's study course at the companies of any European country with the financial support of the hosts.

Studying in Europe and direct acquaintance with the European system of higher education is serious professional experience. The search of job places made by the graduates demonstrated that the education like this makes any employer be interested in having such specialists.

The Newsletter is prepared by the International Office of DonNTU.

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