



SUCCESSFUL MONITORING OF THE TEMPUS PROJECT

The monitoring of the TEMPUS project №159184 “Development of Education on Land Resource Management in Macedonia and Ukraine” a participant of which is the Department of Geo-Information Science and Geodesy of Donetsk National Technical University finished on June 5th. The inspectors of the project were headed by the ambassador of the European Union Mr. Jan Tadeusz Tombinski.

The staff of the Department and its head Prof. S.G. Mogilni spoke on the achievements of the project, its contribution to the training scheme improvement and the program renewal, the prospects of creation of the educational consortium on land resource management and expansion of the educational and scientific collaboration.

Summing up the results of the monitoring the representatives of the national TEMPUS office in Ukraine gave a positive mark to the implementation of the project at DonNTU and issued a letter to Rector Prof. A.A. Minaev (see at <http://donntu.edu.ua/material/Tempus.pdf>) in which they thanked the university’s staff, Prof. S.G. Mogilni and his staff for taking an active part in the project, “ their professional level, responsibility, initiative and ability to reach and disseminate the valuable results of the TEMPUS project”. The project was called perfect and the inspectors said they hoped for the further fruitful and constructive collaboration.

THE VISIT OF DONNTU’S DELEGATION TO ROMANIA



The delegation of DonNTU, with Vice-Rector I.P. Navka being its head, and Prof. A.N. Mikhailov, Head of the Department of Manufacturing Engineering and V.V Polchenko, Associate Professor of the same Department being its members, has visited Romania. Asahi Technical University, Iasi hosted the delegation.

The delegation contributed to the work of the international scientific and technical conference made presentations at the plenary meeting and discussed the reports at the breakup group meetings; negotiated the prolongation of the agreement on scientific and technical collaboration, expanded scientific links and learnt the scheme of training of bachelors and masters on manufacturing engineering.

The professors visited the Department of Manufacturing Engineering of Iasi Technical University and had negotiations with the head of the Department Prof. Oan Dodul and Prof. Gavril Moosku.

THE VISIT OF THE DELEGATION OF MSTU NAMED AFTER BAUMAN

The delegation of MSTU named after N.E. Bauman has visited our university within the frameworks of the agreement on friendship and collaboration between the trade unions of Moscow State Technical University named after Bauman and Donetsk National Technical University. The delegation consisted of the members of football club of the veterans of MSTU and was headed by Prof. S.S. Gavryushin.



Friends and colleagues of both universities visited the salt mine of Soledar and played a match on mini-football within the frameworks of the 5th International Tournament devoted to the birthday of DonNTU on the depth of 280 m.

It was followed by a series of matches played on the open artificial playground of Donetsk University of Management. It was the first time when the football team “Stal” from Dnepropetrovsk has participated in the competition. This team won the first prize, the second one was awarded to the team of MSTU, and the third- to DonNTU.

Cups, medals and certificates were given to the teams. The guests were also pleased to go sightseeing around Donetsk.

INTERNATIONAL CONFERENCE OF QUALITY MANAGEMENT IN SERBIA



The Head of the Department of Production Management Prof. E.V. Martyakova has participated in the conference “Quality Management – Intellectual and Progressive Approaches” hosted by the University of Belgrade, Serbia.

The issues of collaboration between the university and DonNTU were discussed at the meeting with Prof. V. Maistrovich who represented the Department of Machine Building of Belgrade University. The professors spoke about the integration of two scientific and technical conferences on the inter-university level: “Mechanical Engineering and Technosphere in the XXI Century” in Sevastopol (Chairperson-Prof. A. Mikhailov) and “Modern Problems of Technosphere and Engineer Training, Sousse, Tunisia (Chairperson Prof. I. Navka).

The issues of preliminary collaboration were also discussed with Prof. B. Dedovich of the Business College of Belgrade.

COLLABORATION WITH THE UNIVERSITY OF MAGDEBURG



Prof. A.V. Khorkhordin of the Department of Automatics and Telecommunication has visited Germany. The visit was hosted by the German-Ukrainian Centre of Collaboration of the University of Otto-von- Guericke, Magdeburg.

The aim of the visit was to coordinate the curricula and contents of the Master’s course “Automation and Control Systems” within the frameworks of the double diploma scheme of DAAD.

Prof. Khorkhordin got training and methodological materials on the course analogous to that of the German university and negotiated the contents of the Master’s course “Telecommunication Systems and Networks.

He also met the academics that teach the analogous disciplines form Master’s students at the University of Magdeburg.

INTERNATIONAL CONFERENCE ON CONTROL OF THE OPERATION MODES OF ELECTRIC AND ELECTROMECHANICAL SYSTEMS

The Faculty of Electrical Engineering of DonNTU hosted the VI International Scientific and Technical Conference “Control of the Operation Modes of Electric and Electromechanical Systems 2013” in late May. More than 120 scientists from Ukraine, Russia, Belarus, Germany and France participated in it. The plenary meeting was opened by the Vice-Rector on Scientific and Pedagogical Work of DonNTU, and academician of MANEB Prof. A. Levshov. The Dean of the Faculty Prof. N. Grebchenko was the chairperson.

N. Gorbachev, a corresponding member of the Academy of Technological Science of Ukraine, the head of the Donetsk Region Board of Ukrainian Association of Electrical Engineers, the Director General of the company Donetsk Balancing and Commissioning, Prof. of Vinnitsa National Technical University P. Lezhnyuk, an academician of the Academy of Technological Science of Ukraine, Head of the Department of Power Stations of DonNTU Prof. Sivokobylenko made presentations at the conference.



There were two breakup groups at the conference: “Electromechanical Systems” and “Power Stations and Systems”. A number of presentations were made in English and French. The participants exchanged their opinions on general and special issues of the development of modern power engineering.

The VII International Scientific and Technical Conference “Control of the Operation Modes of Electric and Electromechanical Systems” was planned to take place in May 2015.

INTERNATIONAL CONFERENCE ON CHEMICAL THERMODYNAMICS

Novgorod State Technical University named after Y. Mudri (Russia) has hosted the III International Scientific Conference “Chemical Thermodynamics and Kinetics”. The previous two conferences were held in Donetsk, Ukraine.

The conference was held on May 27th-31. More than 100 researchers from Russia, Ukraine, Belarus,

Tadzhikistan, Finland, Poland, and Germany made their presentation. Our university was represented by Prof. Y. Vysotski and Prof. V. Matvienko. Prof. Vysotski was a member of the Organizing Committee of the conference.



There were more than 30 reports on different issues of physical chemistry, metallurgy, chemical thermodynamics and kinetics. Our scientists made their presentations and answered the questions the audience had.

The conference finished with the scientific discussion on methods of quantum and chemical calculations, constructive methods in the theory of condensed state and validity of the applied methods

and approximations of the theory.

The IV International Scientific Conference “Chemical Thermodynamics and Kinetics” was decided to be held in Donetsk.

INSTRUCTIONAL STUDY-COURSE AT MOSCOW HIGH SCHOOL OF ECONOMICS

The students of DonNTU had their study course at one of the leading universities of Moscow within the frameworks of collaboration between DonNTU and the National Research University “High School of Economics”, Moscow.

The trainees were selected according to the quota of places. The criteria were their progress in studies, participation in the public events and scientific conferences, and their motivation. 10 students of the third and fourth years of study of the Faculty of Management and the Faculty of Economics were selected.

Each of the participants made up the own program of the study course with taking into account their scientific interest. They attended classes on new disciplines every day and learnt about the characteristics of lectures and seminars at the High School of Economics. The lectures are delivered by the scientists who



make research for different world economic publications. They show the students how they do it. Moscow University collaborates with the leading consulting companies, and these companies have their staff working at the High School of Economics. The training material is delivered in the form of presentations at the classrooms with high technical facilities that reduce the time for making notes. The lectures are delivered in the form of dialogues between the academics and students.

Our students also attended master-classes on advanced professional training and personality development.

They visited the library of the High School of Economics, worked with electronic resources at its reading room.

A STUDY COURSE AT THE TECHNICAL UNIVERSITY OF HAMBURG –HARBURG



Master's students of the Department of Machines and Apparatuses of Chemical Industry Y. Kutnyashenko and A. Minakova have had their study course at the Institute of Solid Material Technology of the Technical University of Hamburg-Harburg (SPE).

The aim of the visit was to make experiments on different laboratory installations and apparatuses according to the topics of their diploma papers.

The students also worked with the bibliographical base of SPE. They read different scientific papers, and dissertations of the staff of the German technical university on the corresponding subject-matter.

The hosts supported the implementation of the research. The students had the access to all the laboratories, even to those equipped with expensive precision instruments. The negative moment according to the

students was a busy schedule of the supervisors from the SPE. They sometimes had the necessary consultations on the phone or through the Internet, but it did not affect the final results.

The students gained experience on the work with different laboratory installations and apparatuses. They research they made acknowledged the prospects of the diploma papers being developed.

The students visited the largest industrial exhibition of Europe Hannover Messe 2013 (<http://www.hannovermesse.de/>) and the IndustrialGreen Tec – a venue to create efficient production with taking into account the requirements on energy saving, waste recycling, quality assurance.

The visit was possible due to the scholarship of Euler given to make research at the University of Hamburg-Harburg.



FAIR OF VACANCIES-INTERNATIONAL HORIZONS

The Career Centre of DonNTU, the administration and the trade-union organization held the 8th Fair of Vacancies on May 23d. 34 companies, including the international ones such as Ernst and Young, KPMG (a consulting company), PwC, Procter&Gamble, Küttner GmbH & Co. KG (implementing energy saving and innovation technologies) United Minerals Group (UMG), participated in the event.



The Vice-Rector Prof. V.V. Dementyev opened the fair. The Vice-Director of Donetsk Region Job Centre R.E. Amelchenko, Business Manager of the company “Gerkules” A. Vorobyov (a graduate of DonNTU of 2011), the coordinator of the EU project “Development of the Professional Competencies of Young Specialists” V. Sysun, the Director of the Company Küttner GmbH & Co J. Bach addressed the audience.

9 enterprises of Makeevugol offered 15 vacancies, the company Betonmash (Slavaynsk) – 9 vacancies, Aval Bank and Private bank offered 8 and 6 vacancies correspondingly, Pokrovskoye Mine – 73 vacancies.

Some companies (United Minerals Group (UMG) and Asovstal) even proposed the students to have their practical work there. More than 200 students used the information of the Regional Job Centre on the vacancies. More than 1000 students attended the Fair.

The representatives of the Career Centers of Donetsk Universities and Kiev National University named after T. Shevchenko attended the event which was followed by the round table at which the results of the fair were discussed.

The Career Centre with the support of all the faculties organizes different events for students.

The company “Gerkules” and DonNTU finished the 7th project within the frameworks of the program “The Future is in Your Hands”. The selected participants representing the universities of Donetsk attended 8 trainings, fulfilled 3 individual and 1 team tasks. The prize winner was a student of DonNTU Masha Mitina.

On April 22nd the company BeringPoint (Moscow) organized the Career Day for the faculties of Computer Technologies and Computer Information Technologies and Automation. The aim of the event was to offer a study course at the company of Metinvest.

V.N. Demchenko and T.P Lyapko representing the boards on labour legislation in the Donetsk Region delivered a lecture on April 23^d.

On April 24th the masters class “How to find the way to progress. Development individual plan” was given by the Personnel Director of the company SKM Ms Moonen.

On April 29th thy account-managers of Procter&Gamble Y. Veselova and I. Stepanenko (the graduates of 2012) and E. Kirilenko (see the photo) organized the masters class for graduate students.

At present the 8th project with the “Gerkules” company within the frameworks of the program “The Future is in Your Hands” is working. It is organized for the fifth year students of the speciality “Electromechanical Systems of Automation and Electric Drive” and “Hydraulic Drive and Hydraulic Pneumatic Automation”. The company offers the eight-month’s study course with the following employment for those who will be selected.

As practice shows students cannot negotiate with employers. This causes uncertainty and does not help to get employed. The Faculty of Ecology and Chemical Technologies (the Dean Prof. V. Kostenko) introduced a new discipline “Self-fulfillment and Career Building” developed by the Associate Professor L.I. Kovalenko.

It is based on interactive methods of getting skills and obtaining knowledge in the form of trainings and seminar-trainings. Master’s students of the group YIIЕ-12m attended the course and found it topical as every graduate will have to look for a job. Now these students have the idea of employment, work search, communication with an employer and resume writing.

All the events organized by the Career Centre give informational and practical support to students, participate in their employment and help to gain certainty in the future.



NEW COLLABORATION AGREEMENT



A new collaboration agreement between the Departments of Mineral Deposit Mining of DonNTU and **Karaganda State Technical University** has been signed.

The parties will act to raise the quality of training of competitive at the labour market specialists and develop close contacts in the sphere of research and education.

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: 1st 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