



REWARD FOR DEVELOPMENT OF HYDROGEN TECHNOLOGIES



The national Association of Hydrogen Energetics of Russia has celebrated its tenth anniversary. The celebrations took place in Rosstandard (Moscow) at the end of the year.

The head of the Department of Physics Prof. V. Goltsov and the principal researcher of the same department Dr. L. Goltsova represented our university on the invitation of the Organizing Committee of the event.

The round table meeting “Technical Regulation of Hydrogen Technologies -2013”

was held in the frameworks of the event.

The Technical Committee №029 “Hydrogen Technologies” (Rosstandard), the National Association of Hydrogen Energetics of Russia, Moscow State Technical University of Radio Engineering, Electronics and Automation, the Federal Agency on Technical Regulation and Metrology, the Technical Committee ISO Tk197 “Hydrogen Technologies” were the organizers of the event.

The participants of the round table meeting discussed the issues of development and application of hydrogen technologies in power engineering and transport, chemical industry and metallurgical and oil-and gas sector of economics. They concentrated on practical implementation of the current developments and solving of associated problems.

The representatives of a number of committees and associations, the President of the International Association of Hydrogen Energetics and the Chairperson of the Technical Committee “Hydrogen Technologies ISO.TK 197 being among them, sent their greetings to the participants of the event.

A number of scientists were awarded diplomas and medals for their contribution into the development of hydrogen technologies. Prof. Goltsov was given the honour of getting the medal.

The department Prof Goltsov is the head of has been working at DonNTU for 40 years. Now it is a large scientific and pedagogical centre which is known not only in Ukraine, but also in other countries. Prof. Goltsov and his pupils have developed the scientific basis of the hydrogen membrane technology and special palladium alloys for hydrogen filters and the accumulator of the hydrogen isotopes in thermonuclear reactors, lasers and other electric and physical devices. He published about 500 papers on the issues. The scientific development of the department “Hydrogen Membrane Technology” was awarded the gold medal of the International Fair in Leipzig during the existence of the Soviet Union.

Prof. Goltsov was invited to the universities and companies of 13 countries of the world to deliver his lectures and make presentations as a representative of DonNTU and Ukraine.

The medal is another proof of the services of Prof. Goltsov in hydrogen energetics.

THE GERMAN LANGUAGE SECTOR- THE COLLABORATION IS GOING ON



The head of the Department of Systems of program Control and Mechatronics Prof. Kalashnikov visited Otto-von-Guericke University of Magdeburg (Germany) in December.

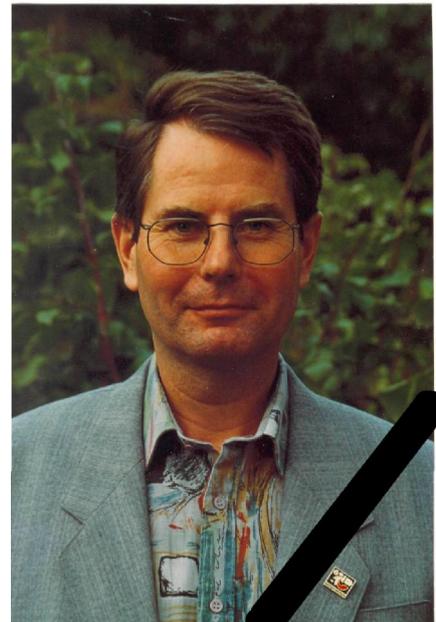
He negotiated the issues of integrated studying of the students of German Engineering Faculty of DonNTU. Prof. Kinle, the head of the Department of Automation Systems was appointed the coordinator of the program “The German Language Training Courses”. S. Palis was nominated the deputy-coordinator.

The changes took place because of the untimely death of the Honorary Doctor of DonNTU, a professor of the University of Magdeburg, the founder and coordinator of the German-Ukrainian Centre of International Collaboration Prof. Frank Palis. It is due to the initiative of Prof. Palis that the program “The German Language Training Courses” has been successfully operating at the GEF. Prof. Palis supported the idea of getting the German Master’s diplomas by DonNTU’s students.

Prof. Kalashnikov and his German colleagues coordinated the plans of the integrated studying of the students of DonNTU and some changes in the list of obligatory disciplines and the curricula of some of them.

They also discussed the issues of joint research in the electric car design, power accumulators, modeling of the systems with renewable energy sources and accumulators, physical modeling of synchronous and non-synchronous drives, isolated energy systems.

Prof. Palis devoted many years of his life to the collaboration between the University of Magdeburg and DonNTU. It is going to be continued further on. We will always remember our friend Prof. Palis as feel responsibility for strengthening the collaboration between the two educational institutions.



INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE ON ECONOMIC AND LEGAL ASPECTS OF THE DEVELOPMENT OF THE MODERN SOCIETY



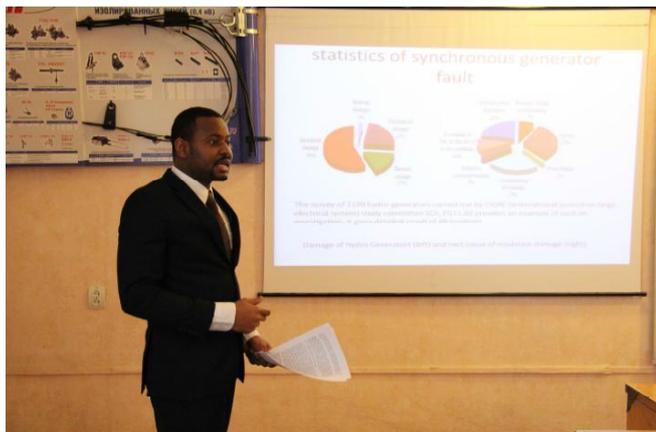
DonNTU held the II international scientific and practical conference “The Economic and Legal Paradigm of the Development of the Modern Society” in December. The Department of Strategic Control of the Economic Development (DonNTU), the Ukrainian students’ portal “Intellectual Capital” and the First Ukrainian Marine Institute, the Department of the Constitutional and Administrative Laws of the National Aviation University, Mariupol Centre of Donetsk National University of Economics and Trade were the organizers.

The International Academy of Science and Higher Education, the International Consultant of the Scientific and Analytical Project GISAP, the Tuapse branch of Russian State Hydro-

meteorological University, the Scientific Innovation Centre of the Institute of Economic Reforms of the Ministry of economics and Industry of Azerbaijan assisted in holding of the event. Prof. Kendyukhov, the Chairperson of the Ukrainian Union of Economists, made his presentation and paid attention of the participants to the necessity of a new economic and legal paradigm of the development of both the Ukrainian society and the human civilization.

There were three breakup groups at the conference: economics, legislation and marine transport management. The academics, researchers and postgraduate students from Azerbaijan, Russia and Ukraine took part in them.

DEFENSE OF THE DIPOMA PROJECTS BY FOREIGN MASTER'S STUDENTS



The foreign students from Ghana, Morocco, and Nigeria defended their Master's diploma project on January 16th. All of them were given the highest mark by the State Examination Commission.

All the projects were made with the help of computer technique and have scientific novelties.

Our congratulations to the DonNTU Masters! We wish them further success!

NEW SCHOLARSHIP HOLDERS OF THE INTERNATIONAL PROGRAMS OF STUDENT EXCHANGE AT THE POLISH ENGINEERING FACULTY



The mobility of students is the opportunity given to students to participate in different exchange programs including incorporated studying at a foreign university either during one semester or full master's course. However the programs would be impossible without sponsor as students have never been rich and financially independent. But about twenty students of the Polish Engineering Faculty had their chance to participate in the international training projects financed by different scholarship programs. We are especially proud of our seven students that got the scholarship of Lane Kirkland (the international Fulbright Fund). Unfortunately, the Fund finances only one year's study courses but not Master's programs.

In the summer of 2013 the Ministry of Foreign Affairs of Poland and the Ministry of Higher Education and Science of Poland launched a new scholarship program named after Stefan Banach, a famous Polish mathematician. The program involves engineering students which is quite a rare case for the programs like that.

In August the procedure of selecting candidates took place and four (!!!) students of the PEF of DonNTU (out of 45 lucky ones) were awarded the program scholarship. I. Skrinetskaya and E. Stukanova started their studies on Master's program at Śląsk University and Katowice University of Economics correspondingly, and I. Zheleznov and Nina Motornaya will start their studying on Master's program at the University Of Nature Management of Wrocław in February 2014. All the students will take part in the program of a double diploma which has been operating at the Polish, German nad French Engineering faculties of DonNTU.

The Banach scholarships will allow the students to think about studies rather than solve domestic problems. Getting of the diplomas of the Polish and Ukrainian universities is a difficult task, but our students are able to do it. About fifteen double diplomas got by Donntu's students during last five years prove this.



The Newsletter is prepared by the International Office of DonNTU.

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