

Professor from MIEE is an Honorary Doctor of DonNTU



A professor of the National Research University “Moscow Institute of Electronic Engineering” (MIEE) and Moscow State University (MSU), the Honorary Educationalist of the RF, Dr. I. Kozhukhov was awarded with the title of the Honorary Doctor of DonNTU at the meeting of the academic board on November 23d.

DonNTU collaborates actively with MIEE. Prof. Kozhukhov defines forms and trends of the activity as a party of the partnership. He is a famous Russian and world scientist having about 150 scientific and academic and methodological publications, 13 tutorials in different mathematical aspects being among them. Prof. Kozhukhov had made his personal contribution into development of links with DonNTU, international and scientific collaboration between the two institutions, achievements in mathematics and computer science, and had assisted in rising of educational activity quality.

In 2015-2018 DonNTU hosted the 6th, 7th, 8th and 9th international scientific and practical conferences “Information Science, Control Systems, Mathematical and Computer Simulation” in the frameworks of the I-IV international forums of the DPR “Innovation Prospects of Donbass”. MIEE participated in them.

The professor made his presentations at the first (2016) and the second (2018) international scientific and practical conferences “Programmed Engineering: Methods and Technologies of Data Processing System Development”.

Dr. Kozhukhov is a member of the editorial board of the journal “Electron Information Systems” (Moscow) where papers of DonNTU’s postgraduate students and degree seekers are published. He is also a member of the editorial board of the international journal “Enlightenments in Pure and Applied Mathematics”.

In April 2017 MIEE hosted the 24th All-Russian interuniversity scientific and technical conference for students and postgraduates which DonNTU’s representatives took part in.

He helped DonNTU in getting humanitarian aid from MIEE in the form of equipment and textbooks in 2015 and 2017 and in publishing DonNTU’s conference proceedings in Moscow.

Prof. Kozhukhov, his postgraduate students and colleagues had visited DonNTU’s laboratories many times where they discussed prospects and forms of the collaboration in the IT sphere.

The professor is a member of the dissertation board on defense of doctoral and candidate dissertations in mathematical support and software for computers, complexes and networks.

The accumulated experience helps in developing the collaboration in all spheres including students’ training, postgraduates and teachers’ internship, holding of seminars and conferences, lecture delivering, scientific and methodological information exchanging, carrying out of joint research in the frameworks of bilateral projects and programs in information science and computers. DonNTU’s staff congratulates Prof. Kozhukhov with the award and wishes him all success in development of the collaboration between our universities.

DonNTU and KamchatSTU Holds the First International Scientific and Technical Conference

Scientific and technical progress development and that of the DPR’s education system presupposes closer collaboration with the RF universities. DonNTU’s staff supports the tradition of holding international scientific and technical conferences,



forums and meetings with researchers from all over the world. It is necessary to do it do get the latest information on achievements in science and engineering and to be posted about problems and changes in the technosphere.

In September DonNTU held the 25th international scientific and technical conference “Mechanical Engineering and the Technosphere in the XXI Century” in Sevastopol and on October 17-19th there was a joint with KamchatSTU first conference in Petropavlovsk Kamchatski. Now

DoNTU has working contacts with scientific schools from Moscow, Rostov-on-Don, Bryansk, Sevastopol, Tula, Voronezh, Usinsk and Kamchatka.

DonNTU, KamchatSTU, International Union of Mechanical Engineers (IUME), the government of Kamchatka, the Russian Union of Engineers, the Federal Agency of Fishing, Ukhta State Technical University, Kuban State Technical University and others are the main organizers of the conference “Water Transport Technical Maintenance: Problems and Ways of Development”. Its co-chairpersons are Prof. Marenich and Prof. Mikhailov, both from DonNTU. The latter presented Donetsk school of technologists.

The event aimed at consolidating researchers from all over the world, exchanging scientific and technical data, defining the promising ways of creation of new technologies, developing joint programs and international collaboration, and making business contacts.

Researchers from 5 countries worked in seven breakup groups at the conference: navigation; shipbuilding and ship repair; electrical complexes and systems, information technologies and modeling; machines and equipment; science intensive technologies of making and repairing of ship units and sets; humanitarian breakup group: history, foreign languages, personnel training and law.

Both scientists and members of the government and different boards of Kamchatka made their presentations on the plenary meeting.

Their presentations showed that DonNTU and KamchatSTU had much in common and there were many fields for further collaboration. These are a mining and industrial complex, geological survey, mechanical engineering, ecology, ship repair etc.

The IUMI admitted KamchatSTU to be its member. The organization unites members from 21 countries and is aimed at consolidating researchers and representatives of industrial companies to assist in development of mechanical engineering and the technosphere under the world links globalization changing. There also was an interesting social program at the conference.

The round table meeting crowned the event. Its participants made a decision to organize the II international conference in Petropavlovsk- Kamchatski in 2019.

«The Donbass Information Space: Problems and Prospects»

The I Republican scientific and practical conference with international participation “The Donbass Information Space: Problems and Prospects” has been organized on the initiative and under support of the Ministry of Science and Education and the Ministry of Telecommunications of the Donetsk People’s Republic. It demonstrated collaboration of two key universities of the DPR – DonNTU and Donetsk National University of Economics and Trade named after M. Tugan-Baranovski (DNUET).

Researchers and Master’s students in information technologies and means of their implementation, sociology, political science and journalism took part in it. There also were representatives from the Lugansk People’s Republic and the Russian Federation at the conference.

The event was also a base to test dissertation research in computer science. It is especially important as the specialized board on defense of dissertations in computer science and automation had been established at DonNTU recently.

The Deputy Minister of Education and Science of the DPR Mr. Kushakov, the Minister of Telecommunications Mr. Yatsenko, the Deputy Minister of Science and Education Prof. Anoprienko, Rectors of DonNTU and DNUET Prof. Marenich and Drozhzhina, the Director of Usinsk branch of Ukhta State Technical University Ms Pichko, the first Deputy Minister of Telecommunications of the LPR Mr. Pershikov greeted the participants.



The presentations covered the issues of topical problems in the field of information technologies, information and communication services, digital economics, information security, interconnect information space, information and communication technologies in business, telecommunication system and computer network improvement etc.

The Director of the Khimki Information Agency of Moscow Region Mr. Pozdnyakov gave a master-class for the participants on the information space forming.

The conference materials are published in the proceedings.

DonNTU Hosts the XV International Scientific and Practical Conference “Economics and Marketing in the XXI Century: Problems, Experience, and Prospects”



people.

Kemerovo State University (The RF), Donbass State Technical University (the LPR), the Institute of Economic Research, the Ministry of Coal and Energy, Donetsk Academy of Administration and Public Service and Donetsk National University (all from the DPR) were co-organizers of the event.

The Rector of DonNTU Prof. Marenich greeted the participants. There were 3 breakup groups at the conference where 14 presentations were made.

21 universities and other organizations took part in the event and 78 papers whose authors are from Bulgaria, Belarus, the Russian Federation, the LPR and the DPR will be published in the proceedings.

The conference issued recommendations on the main trends of the industry development, digital economics organization, and social and economic system stability support.

DonNTU is the Prize Winner of the All-Russian Contest on Power Electronics

The International Exhibition Complex “Crocus Expo” has hosted the XV international exhibition “Power Electronics”. The IV All-Russian contest “The Best Developments of Young Researchers and Engineers on Power Electronics” was organized in the frameworks of its program. It was aimed at stimulating creativity in power electronics system and device development.

The bachelor’s students of DonNTU I. Azin, R. Kurchenko, and M. Skladchikov showed their project “Development of Locomotor Apparatus of an Anthropomorphous Robot”. The project ranked first in the nomination “Electron Systems for Independent Objects and for Distribution Energy”. The supervisor of the project was Dr. Rozkaryaka.



The development is a physical model of mechanical feet with the system of electric drives and microprocessor system of control over the horizontal surface movement. The students went through all stages of the development – from design and modeling to physical implementation, control algorithms and their adjustment. The robot physical model is designed in the package “COMPASS-3D”, and the developed construction elements were printed on a 3-D printer. They also did mathematical simulation in the package MatLab and solved the important task of keeping balance of the locomotor apparatus.

Today the students are able to achieve the results related with keeping balance under motion on a horizontal surface, changing of the mass centre on a vertical plane with the balance keeping (squatting). The DonNTU’s research team plans to develop and design the upper part of the anthropomorphous robot, work with the algorithms of obstacle overcoming on a slope (steps pacing).

This is the second victory of our students at the contests of this level. Last year our team was also a prize winner.

DonNTU Hosts IV Scientific and Practical Conference “Resource-saving. Efficiency. Development”

DonNTU hosted the IV scientific and practical conference “Resource-saving. Efficiency. Development” on October 25th. The Departments of Company Economics and Innovations and Finances and Economic Security were its organizers.

Academics, researchers, Master’s students



and undergraduate students presented more than 100 papers for the conference. Secondary schools' students, members of the Small Academy of Science, were the conference guests.

According to the tradition, representatives of the Economic Research Institute, Donbass State Technical University, Donetsk National University, Donbass Academy of Architecture and Construction, Donetsk Academy of Administration and Public Service under the DPR's Head, and Belgorod State Agrarian University participated in the event.

There were four breakup groups at the conference: "Resource-saving and Company Activity Improvement", "Innovative Ways to Solve the Problem of Company Functioning and Development Improvement", "Company Economic Security in the Context of Its Development", and "Financial Aspects of Management Subject Development".

The Dean of the Engineering and Economic Faculty Dr. Zhilchenkova greeted the participants.

The presentations made at the event plenary meeting covered methodological aspects and practical issues of modern economics development. The following after them discussion turned into a constructive dialogue on the DPR's innovative development, banking sector formation and other topical aspects.

The presentations made at the breakup group meetings covered the important aspects of management subject activity.

The presentation made by the student Andrey Chepiga that covered the issue of solar battery efficient application was of special interest. He used the economic knowledge obtained at classes to estimate the efficiency of his developments made at Electrical Engineering Faculty where he is getting technical knowledge.

All participants got the conference certificates. The conference recommendations were aimed at widening the scope of the participants and raising the conference status to the international one; strengthening the innovative component of the research, attracting the members of the Small Academy of Science to participation in the conference.

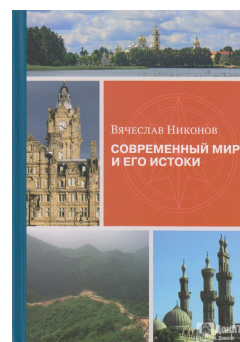
Scientific and Technical Library of DonNTU Gets Books of the XII Assembly of the Russian World (Tver) as a Gift

Tver hosted the XII Assembly of the Russian World organized by the Fund "The Russian World" and the International Association of the Russian Language Teachers in November.

The event was devoted to the universal nature of the Russian culture. The delegates- politicians and public figures, diplomats, researchers, academics and compatriot association members- represented 69 countries of the world and 33 cities of Russia.

Dr. V. Rusanov represented DonNTU at the event. He gave the university's library the books "Mikhail Tverskoi. Way Home" and

"The Modern World and its Sources" as a gift. The literary miscellany "Mikhail



Tverskoi. Way Home” had been blessed by Metropolitan of Tver Savva Kashinski. It contains the materials of the personality of St. Prince Mikhail Tverskoi whose feat is a bright example of love to Motherland.

The book of Vyacheslav Nikonov “The Modern World and its Sources” had been published under the financial support of the fund “The Russian World” and Moscow State University. It narrates about the universe, religions, and political cultures of people from different continents. It can be of help for students, teachers and people interested in modern politics.

The Library’s staff is grateful to Dr. Rusanov for the gift and welcomes all comers to read the new books.

Our Congratulations



Prof. V. Strelnikov was eighty years old on November 18th.

His name is known not only at the university and the DPR.

Prof. Strelnikov was our university’s student, the Dean of the Faculty of Foreign Students, the Head of the Mining Institute Department under the International Collaboration Institute.

He has been delivering lectures in German for more than ten years.

The Faculty of Foreign Students trained engineers for different countries. Prof. Strelnikov was decorated with the order of “People’s Friendship” for good results in training specialists for developing countries. His contribution into the development of international collaboration of DonNTU with other world universities is valuable.

Happy anniversary!

DonNTU’s New International Collaboration Agreement is signed

The National Research University “Moscow Institute of Electronic Engineering” and Donetsk National Technical University signed an agreement on collaboration and a double degree program on November 21st. It is aimed at developing scientific and technical interactivity, widening creative links, assisting in the international education



process, making business contacts, exchanging information and integrating into the world system of university education.

Its main clauses are development of joint scientific supervision and common profiles and Master's programs for getting double degrees by graduates of both universities; joint research projects; specialist professional development, postgraduate courses at both institutions, training method exchange, etc.

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; URL: <http://donntu.org/international-cooperation/otdely-instituta-mezhdunorodnogo-sotrudnichestva> E-mail: ovs@donntu.org E-mail: ovs@donntu.org