

Alexander Minaev Passes Away



Photo: Site of DonNTU

Donetsk National Technical University has suffered a great loss. Rector (1990-2014), Doctor of Science, a prominent researcher and metallurgist Professor A.A. MINAEV passed away on October 26th. The loss is grave and irreplaceable.

Prof. Minaev was an outstanding organizer of higher education who devoted all his life to this activity. His fate is linked to the university. He

graduated from Donetsk Polytechnic Institute in 1964 and had been working there as a researcher and an associate professor since 1965. In 1972 he defended his Candidate of Science dissertation, and in 1989- his Doctoral one. In 1990 he got his Professor title.

Professor Minaev has developed theoretical foundations of controlled rolling of metal made from carbon and low-alloyed steels which are based on new classification principles of matched processes of hot plastic deformation and thermal treatment, with phase transformation being its sign. The research is of great importance for studying the molecular and kinetic rules of forming structures of widely applied steels under different types of temperature and deformation influence on metal.

He developed six general and special courses included into five textbooks for university students. 22 Candidate of Science and two Doctor of Science dissertations were defended under his supervision. He is the author of 450 science works, with 10 monographs and 90 patents being among them. Some of his papers are joint works written with researchers from Poland, Slovakia, Russia, England and Germany.

Prof. A. Minaev was Honored Scientist and Engineer of Ukraine (1992), twice prize winner of the State Prize of Ukraine, Hero of Ukraine, a member of the National Academy of Science of Ukraine (2009), the Academy of Science of Higher Education of Ukraine (2000), the Academy of Engineering of Ukraine (1991), the European Association of Engineering Education (1994), the International Information Association of Materials (1994), the European Association of International Education (1995), the International Academy of Exact Science, Industry, Education and Arts of California (the USA, 1996), the Chairperson of the Rectors' Council of Donetsk Oblast, a member of Donetsk Sustainable Development Committee (2000), the Vice-President of the International Academy of Science of Higher Education (2004), a member of the Association of European University Rectors, the International Centre of Engineering Education UNESCO, the European Society of Engineering Education SEFI, the Deputy- Chairperson of the Council of Rectors' Association of Technical Universities of Ukraine.

Prof. Minaev was Honored Doctor of Ostrava Technical University (Czech Republic, 2002), Moscow University of Engineering Ecology (Russia, 2003) and Honored Professor of Taganrog Radio Engineering University (Russia, 2004).

He was awarded with the medal “80th anniversary of the NAS of Ukraine” (1998), the Einstein gold medal of the International Academy of Science, Industry, Education, and Arts (California, the USA, 1998), the medal “Defender of the Motherland” (1999), the diploma and the medal “The Golden Book of the Ukrainian Elite” (2001), the honorable badge of the Rector of Magdeburg University (Germany, 2001), the V class order of Duke Yaroslav Mudry (2002), the jubilee medal “70th Anniversary of Donetsk Oblast” (2002), the Certificate of Merit of the Cabinet of Ministers of Ukraine (2002), the honorable medal of Technical University of Jassy (Romania, 2002), the silver medal of the International Centre of Engineering Education UNESCO (1998), the State Prize of Ukraine in Science and Engineering (2002).

Prof. Minaev’s management will and talent, his energy and communication ability let him make progress, get knowledge and awards, and, which is the key point, respect of colleagues and students. The name of Prof. Minaev will be linked to the name of Donetsk National Technical University forever.

The Presidency, Trade Union Committee, Dean’s offices of the Faculties of Metallurgy and Thermal Power and Electrical Engineering, the staff of the Departments of PMW, Electro mechanics and ETF, and all the university’s staff deeply mourn because of the untimely death of Prof. Minaev and offer sincere condolences to his relatives and close friends.

DonNTU Signs New Cooperation Agreement with World Association of University Graduates

DonNTU and the World Association of University Graduates (Moscow) signed a cooperation agreement on October 8th.

The World Association of University Graduates is the integration of graduate association all over the world, the consolidation of foreign citizens who studied at universities of the Russian Federation (the USSR) aimed at defending professional interests, achieving socially useful and lawful non-commercial goals.

In 2021 the organization unites key universities of Russia and the near abroad and graduates from 68 world countries.

DonNTU is the first university from the Donetsk and Lugansk People’s Republics to sign the agreement. It is aimed at forming the system of long-term and mutually beneficial cooperation in the field of science, education, and culture.

Besides the university’s participation in humanitarian and charitable programs, common events to strengthen business and humanitarian links with alma mater graduates, taking part,



Photo: Internet source

with the help of university's staff, in international seminars and symposia are planned. This will promote the brand of "DonNTU" at the international educational market.

World Space Week: We Study Universe Together



Photo: Site of DonNTU

The World Space Week starts on October 4th which is the day of mankind's space era beginning. It will last till October 10th. The event is organized back to back with the successful launch of the first Earth artificial satellite which was put into orbit on October 4th 1957 and with coming into force the Agreement on state principles of researching space including the Moon and other celestial

objects.

The World Space Week is the largest annual event devoted to astronautics and the tasks to research the Universe. It helps involve young people into science, space studying and innovative technologies.

The Scientific and Technical Library is the event organizer at DonNTU. Prof. Paslyon will deliver his on-line lecture "Great Mysteries of Space", and Prof. Anoprienko will make presentation of his book "Great Mysteries of Space in the Context of its Engineering Exploration".

In Loving Memory of Honorary Doctor of DonNTU Octavian Pruteanu

The Honored Doctor of DonNTU, professor of Jassy Technical University named after G. Asaki (Romania), the founder of some scientific schools, the developer of the highly productive system synthesis theory to make screwed surface whirling Octavian Pruteanu passed away on October 10th on his 89th year of a life.

He was born on July 1933 in the village of Slobodzea in Transnistria. After finishing school he entered the Mechanical Engineering Faculty Polytechnic Institute of Jassy and got his diploma of engineer. He started his career as an engineer at the bearing plant, and later as a department head.

He started teaching at the Polytechnic Institute of Jassy in 1966. In 1972-1973 he took a course of data processing by grinding in UMIST (London). IN 1975 he defended his dissertation. IN 1983-2003 he worked as the Head of the Department of Machinery Technologies. It was due to his efforts that this structural subdivision was turned into a modern scientific center. Now it is one of the most beautiful and best equipped buildings in the city with the nice atmosphere of research.



Photo: Site of DonNTU

In the end of 90s – beginning of 2000s Prof. Pruteanu visited Italy, Spain, the USA, Portugal, Greece, Germany, and France.

He is the author of 15 patents, published 200 papers and 36 monographs. He was the coordinator of numerous team research financed by the government of Romania and the World Bank. The Professor was a participant of four TEMPUS projects.

In 2005 Prof. Pruteanu got the degree of Honored Doctor of DonNTU. He took part at international scientific and practical conferences and seminars and manuals exchange organized by both universities, and in the work of the International Union of Mechanical Engineers established in 2005.

More than 20 people defended their doctoral dissertation under his supervision in 2008. At the beginning of 2000s he was the chairperson of the commission on licensing the specialty of Car Building Technology at the Technical University of Moldova.

The staff of DonNTU expresses sincere condolences to Prof. Pruteanu’s relatives, close friends and colleagues.

Result of Fruitful Cooperation of DonNTU with Kamchatka State Technical University

The publishing house “Znanie-M” of the city of Novokuznetsk has published a textbook “Ship Automated Electric Power Systems: Ship Sources of Electric Power. Part 1” written by S.Y. Trudnev, A.N. Ruck, A.A. Marchenko. The textbook was published in the frameworks of the international cooperation between DonNTU and Kamchatka State Technical University. It describes modern sources of electric power used on the ships of

transport and fishing fleets. The main data on the composition, operation principles and technical maintenance is given. It covers the requirements of the Marine Register and International Convention on sailors’ certification and keeping of watch. The necessity to publish the textbook was caused by the fact that according to the “Provisions of the Fleet Maintenance” and “Maintenance Rules” and other regulations marine engineers deal with production of all types of energy- mechanical, thermal and electrical; ship electromechanical technicians deal with the issues of power plant, automation and communication systems operation.

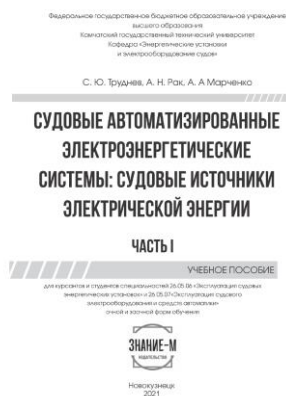


Photo: A.N. Ruck

The Associate Professor of DonNTU A.N. Ruck wrote the parts of the textbook related the calculations, choice, and exploitation of not only traditional but also efficient and innovative systems. He applied his personal experience of exploitation of the systems produced by the key companies making ship power plants according to the requirements of the International Convention Marpol 73/78.

The Vice-Rector of DonNTU Prof. A. B. Biryukov is one of the textbook reviewers.

The textbook is recommended for training marine engineers and electromechanical technicians.

The joint publishing of other parts of the textbook is planned.

DonNTU's Vice-Rector Takes Part in International Conference on Fight against COVID-19

Donetsk hosted the International Interdepartmental Scientific and Practical Online Conference “New Paradigm of Interdisciplinary Interaction under the COVI-19 Pandemic: Challenges and Solutions.

The Head of the Donetsk People’s Republic Mr. D. Pushilin, the Deputy Chairperson of the DPR’s Government Mr. V. Antonov, Ministers of Education and Science, Health Care, Rectors of Medical Universities of the DPR, LPR, and the Russian Federation, the Deputy President of the Russian Academy of Education Prof. G. Onishchenko took part in the event. All in all 500 professionals in different fields submitted their applications.



Photo: Site of DonNTU .

Vice-Rector of DonNTU Prof. S. Borshchevski took part in the conference plenary meeting. Topical issues of diagnostics of the new coronavirus infection, regulations and medical media communication in the DPR under the pandemic, organization of the infection control practices and preventive events, treatment and rehabilitation of the grown-ups and children with the new coronavirus infection, characteristics of medical education under the COVID-19 pandemic were discussed there.

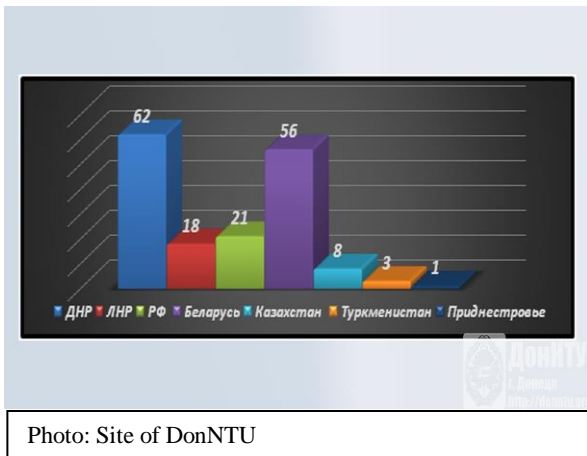
Mr. Pushilin greeted the participants and emphasized the importance of total interaction in the fight against the disease.

“To be efficient in answering the modern challenges we should act coherently. I am sure the International Interdepartmental Scientific and Practical Conference will be an important place to exchange experience and unite efforts of the representatives of the health care system, the scientific and informational community, and educational institutions in their fight against the pandemic and improvement of medical treatment”, the country’s leader said.

44 conference presentations will be published in the supplement of the journal the “University’s Clinic”.

DonNTU Hosts XXI International Scientific and Technical Conference “Mining Power Mechanical Engineering and Automation”

On October 27-29 DonNTU hosted the XXI International Scientific and Technical Conference “Mining Power Mechanical Engineering and Automation” devoted to the 100th anniversary of DonNTU. Because of the epidemiological situation it was an online conference.



25 researchers from DonNTU, Lugansk State University named after V. Dal (the LPR), Donbass State Technical University (Alchevsk, the LPR), Donetsk National University, Donbass National Academy of Construction and Architecture, and Donetsk Institute of Railway Transport took part in it.

The proceedings of the Conference are planned to be published.

DonNTU Hosts VI International Scientific and Practical Conference “Resource Conservation, Efficiency, Development”

DonNTU hosted the traditional VI International Scientific and Practical online Conference “Resource Conservation, Efficiency, Development” on October 29th.

169 scientific papers had been submitted which is 45% as much as the previous year. The record number of researchers from the near and far abroad (64%) took part in the conference.

Besides the traditional participants from the DPR, the LPR, the Russian Federation, Belarus and Kazakhstan, there also were participants from Turkmenistan and Transnistria.

All of them will get the conference proceedings and name certificates shortly.



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The newsletter is prepared by the International Office of DonNTU and can include information published in the newspaper “Donetsk Polytechnic”.

Should you have any questions and offers as to the published material please address us at: 1st building of Donetsk Technical National University, office 220; tel.: 08-25;

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