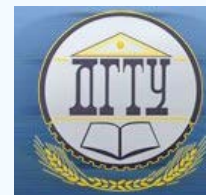


## IN MEMORY OF RYZHKIN



On January 27, 2021, at the 84th year of his life, a remarkable scientist, engineer and organizer, Doctor of Engineering Sciences, Professor Anatoly Andreevich Ryzhkin died a sudden death.

Anatoly A. Ryzhkin was Honored Worker of Science and Technology of the Russian Federation, Doctor of Engineering Sciences, Professor.

Anatoly Andreevich was born on January 21, 1938. He graduated from Rostov Institute of Agricultural Engineering (RISKHM) in 1960. All of his more than 60-year working career has been associated with his native university.

In the transition time for RISKHM and the entire Russian education, he headed the University – in February 1988, he was elected Rector and held this position until 2007. Anatoly A. Ryzhkin made a great contribution to the transformation of a branch institute of agricultural engineering into a technical university: a modern base for scientific and

educational process was created, the number of specialties was increased, postgraduate programs were expanded, and doctoral programs were opened, social infrastructure facilities were developed. As a result, RISKHM has become a regional center of education, science, and culture. In 1992, on his initiative and under his personal leadership, by the decision of the Government of the Russian Federation, RISKHM was transformed into Don State Technical University (DSTU).

Anatoly A. Ryzhkin is a well-known scientist in the field of friction and wear under the conditions of cutting materials. He founded and headed the scientific direction “Physicochemical and thermodynamic fundamentals of wear resistance control of tool cutting materials”. A. A. Ryzhkin's applied research works were aimed at creating technologies for strengthening tool materials. The results of R&D are implemented at various enterprises of the Rostov region and are widely used in the training of students majoring in “Design and technological support of machine-building industries”.

A. A. Ryzhkin is the author of more than 450 scientific and method papers. More than 50 of them were published abroad in English, German, Polish, Spanish, and other languages. Over the years, Professor A. A. Ryzhkin had led the postgraduate and doctoral studies, was Chairman of the Dissertation Defence Board at Don State Technical University. Anatoly Andreevich personally prepared 16 candidates and 5 doctors of engineering sciences.

For more than 15 years, Anatoly A. Ryzhkin headed the Council of Rectors of Universities of the Rostov region, which, under his leadership, became an effective public and state body for governing the education sector of the Rostov Region.

In recent years, Anatoly Andreevich was Head of the Metal-Cutting Machines and Tools Department, as well as the Vice-president of the Association for Engineering Education of Russia, a member of the Problem Council for Mechanical Engineering under the Ministry of Education and Science of the Russian Federation.

For long-term and conscientious work, a great contribution to solving problems of higher education, large-scale scientific and public activities, Anatoly A. Ryzhkin was awarded various state awards and honorary titles: Veteran of Labor, Honorary Professor of DSTU, Honored Worker of Science and Technology of the Russian Federation, Honorary Worker of Higher School of the Russian Federation. He is laureate of awards of President of the Russian Federation and the Government of the Russian Federation in the field of education; holder of the Order of Merit for the Fatherland, IV degree, the Order of Friendship, the Badge of Honor, the Medal for Valiant Labor, the Order of Merit to the Rostov Region.