

CONGRATULATIONS TO

a Doctor of Physical and Mathematical Sciences; a Professor,
a Head of the Department of Applied Mathematics of
Lviv Polytechnic National University

Petro Kostrobij



Petro Kostrobij is a well-known scientist in the field of Theoretical Physics, the author of more than 300 scientific and methodological publications, including 5 monographs, 25 textbooks and teaching aids. He has initiated the creation of the scientific journal “Mathematical Modeling and Computing” and is the Deputy Editor-in-Chief. Since 2004, he has headed the Department of Applied Mathematics of Lviv Polytechnic National University.

Under his supervision, six PhD theses and a DSc thesis have been defended. He is a member of the Specialized Academic Board of Lviv Polytechnic National University and the Institute of Condensed Matter Physics of the National Academy of Sciences of Ukraine for the defense of Doctoral and PhD theses. His research interests are related to the quantum-statistical description of equilibrium and nonequilibrium characteristics and reaction-diffusion processes in the metal-adsorbate-gas systems. The new approaches proposed by Petro Kostrobij together with Mykhailo Tokarchuk are effectively used to solve a number of problems in the quantum-statistical theory of thin-film metal systems, to study the proposed mathematical models of catalysis-diffusion processes on metal catalysts, and electrodiffusion transfer processes in solid-state batteries.

Petro Kostrobij worked as a Vice-Rector for Academic Affairs (1990–1993) and First Vice-Rector (1994–2005) of Lviv Polytechnic National University. During his work in these positions, he took an active part in the reforming of the system of higher education in Ukraine. Under his direct leadership, a multi-stage system (bachelor-specialist, master) of specialist training was introduced at Lviv Polytechnic for the first time in Ukraine. Petro Kostrobij developed and implemented the concept of training military specialists in civilian higher education institutions; he created a Military Training Department (now the Academy of Ground Forces of the Armed Forces of Ukraine); Petro Kostrobij developed and implemented the concept of educational and research institutes.

In 2003, Petro Kostrobij was awarded the title “Honored Worker of Education” for a significant contribution to the reform of higher education in Ukraine, was awarded the “Petro Mogila” breastplate of the Ministry of Education and Science of Ukraine (2005), the Certificates of Merit of the Ministry of Education and Science of Ukraine. For active scientific activity, Petro Kostrobij was distinguished by the Certificate of Honor of the Cabinet of Ministers (2017) and the Distinction of the Ministry of Education and Science of Ukraine “For Scientific Achievements” (2019). Since 2019 he is an Honorary Professor at Lviv Polytechnic National University.