

CONGRATULATIONS TO

a Doctor of Physical and Mathematical Sciences; a Professor,
a Head of the Department of Physico-Mechanical Fields of
Pidstryhach IAPMM of the National Academy of Sciences of Ukraine

Olexandr Hachkevych



Olexandr Hachkevych is a renowned expert in the field of mathematical problems of the mechanics of a deformable solid, an author of more than 780 scientific papers, including 10 monographs, 12 copyright certificates and patents for inventions in problems of interaction of fields of different physical nature, thermomechanical behavior of heterogeneous bodies and its optimization, effects of electromagnetic, temperature, and force fields on the properties of materials, thermomechanics with taking into account structural transformations.

Under his supervision and advice, 11 candidates and 3 doctors of sciences have been trained and defended. A member of the Specialized Academic Board for the defense of Doctoral and PhD theses at Pidstryhach IAPMM of the National Academy of Sciences of Ukraine on issues of awarding the degree of Doctor of Philosophy and Doctor of Science. He was a member of Specialized Academic Boards at Lviv Polytechnic National University and Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine, as well as a member of the Expert Council of the Department of State Attestation Commission of Ministry of Education and Science of Ukraine on mechanics.

He has created a scientific school of non-classical directions of research in the field of mathematical problems of thermomechanics and mechanothermodiffusion of bodies of different electrical conductivity and the ability to magnetization and polarization under the effects of quasi-stationary electromagnetic radiation. Investigations of this school stimulated the development of certain aspects of the theory of thermomechanics of bodies with pulsed electromagnetic loads, and also became sources of new classes of problems of magnetothermechanics. He was a leader of a number of research themes, projects of the International Science Foundation (ICF) and the Government of Ukraine, and of scientific and innovation projects, projects of the State Fund for Fundamental Researches of Ukraine, he took part in the development of production of new equipment that was introduced into use.

Since 1995 he has been a Head of the 13-th department of Pidstryhach IAPMM of the National Academy of Sciences of Ukraine, a Deputy Chairman of the Section of Mathematical Problems of Mechanics and Mathematical Modeling of the Academic Board of this Institute. He participates in

organization of the periodically active international conference “Mathematical problems of mechanics of heterogeneous structures”, he is a deputy editor-in-chief of the journal “Mathematical methods and physico-mechanical fields” and the scientific journal “Problems of mechanics and mathematics”, a member of the editorial board of the journals “Machine Science” and “Mathematical Modeling and Computing” and of two thematical journals. Olexandr Hachkevych is a full member of the Shevchenko Scientific Society and of the National Committee of Ukraine on Theoretical and Applied Mechanics and a member of the Regional International Commission on Building Engineering at the Katowice department of the Polish Academy of Sciences.

Olexandr Hachkevych is a Laureate of M. M. Krylov Prize of the National Academy of Sciences of Ukraine and of the State Prize of Ukraine in the field of science and technology (2017), He has been awarded the Distinction of the National Academy of Sciences of Ukraine “For the training of scientific successors” and the Distinction of the National Academy of Sciences of Ukraine “For scientific achievements”.