



## *Congratulations to Roman Musii*

on his anniversary

*We wish you a creative longevity and  
further scientific achievements!*

A well-known scientist in the field of physical & mathematical modeling and on mathematical methods in the thermomechanics of conducting bodies under the action of pulsed electromagnetic fields with amplitude modulation; a Doctor of Physical and Mathematical Sciences; a Professor; a professor of the Department of Higher Mathematics of Lviv Polytechnic National University; a head of the Department of Biophysics, Computer Science and Higher Mathematics of Lviv Medical Institute; a member of the editorial boards of the scientific journals: “Mathematical Modeling and Computing” and “Physicomathematical modeling and information technologies”; a member of the Specialized Academic Board for the defense of Doctoral and PhD theses at Pidstrychach IAPMM of the National Academy of Sciences of Ukraine. The scholar has obtained the key equations of dynamic thermoelasticity and of the uncoupled electromagnetic thermoelasticity problem in terms of stresses for bodies with planar-parallel boundaries and for cylindrical bodies. He has constructed the mathematical models of thermomechanics of conducting bodies under the influence of external electromagnetic actions for the study of the effect of electromagnetic pulses and magnetic shocks; the action of radio pulses; the action of the amplitude-modulated electromagnetic oscillations within the radio frequency range; transitional modes of induction heating.

An author of more than 300 scientific works, including two scientific monographs, co-author of chapters in ten thematic foreign monographs. He has published 10 tutorials on various topics of higher and elementary mathematics. A scientific supervisor of two PhD theses and several dozen master degree papers in applied mathematics and computer-aided design systems.