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Dr Nakoryakov on his 60th birthday



It is an honor to recognize the achievements and life of Academician Vladimir Eleferevich Nakoryakov on his 60th birthday. Dr Nakoryakov has established impressive credentials in fluid dynamics, heat and mass transfer over his illustrious career. He has published 10 monographs and over 370 papers. He is on the editorial advisory board of several international journals. He provides technical leadership to Russia's energy policy. He has written over 10 articles on Russia's economy in the past two years. He has provided inspirational leadership to the Institute of Thermophysics during the turbulent economic times that have developed in Russia. The Institute of Thermophysics remains strong and continues to produce world-class science. As an example, while creatively bartering for goods for technical development within Russia, and establishing Western research contracts, Dr Nakoryakov and his co-workers published an original book on wavy flow in liquid films.

Dr Nakoryakov was born on 26 July 1935 in Odessa. He moved to the Lake Baikal region in his early childhood. His grandfather helped him get an early start on his long progression up through the academic community. While the other students were enjoying summer vacation, Dr Nakoryakov studied science topics to be discussed in the next year. Dr Nakoryakov received his BS at Tomsk Polytechnic

Institute in 1958 and his PhD at the Institute of Thermophysics in 1964.

Dr Nakoryakov became a Professor at Novosibirsk State University and the head of the Physical Hydrodynamics Laboratory in 1971. He became a Deputy Director at the Institute in 1976. In 1981, Dr Nakoryakov became the Vice Chancellor of the Novosibirsk State University and a corresponding member of the USSR Academy of Sciences. He very rapidly became the Chancellor of the University 2 years later. In 1987, Dr Nakoryakov received the highest title of achievement, Academician. In his scientific career, he earned five medals for exceptional scientific achievement.

Dr Nakoryakov has worked broadly in diverse areas of fluid dynamics, heat and mass transfer such as flow in porous media, combustion and heat pumps. He is perhaps best known for his work in turbulence, film flow and wave dynamics. He co-discovered shock rarefaction waves with Academicians Kutateladze and Zeldovich. Dr Nakoryakov led the development of the electrodiffusion method to determine local structure in turbulent flows.

The main features of his nature are originality of thinking, thirst for new knowledge, and extraordinary breadth of knowledge. His powerful intuition and propensity for rapid action leads to quick resolution of

problems and gives rise to new scientific questions and direction of research.

It has to be mentioned that Dr Nakoryakov has a large number of disciples, dozens of them supervising laboratories, chairing universities and directing research institutes.

Dr Nakoryakov has honored the scientific community with his many outstanding accomplishments. No tribute to Dr Nakoryakov would be complete without mention of his sense of humor, love for

adventure, and kind heart that sit behind his piercing scientific intellect.

On behalf of his many friends worldwide, we wish Vladimir Eleferevich and his wife Lubov good health and continued success in the future years.

T. COPEMAN
S. ALEKSEENKO
S. SVERCHKOV
A. LEONTIEV
J. HARTNETT