

## **CONGRATULATIONS TO VLADIMIR VASILYEVICH SYCHEV ON HIS 90TH ANNIVERSARY!**

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January 28, 2014, marked the 90th anniversary of Vladimir Vasiliyevich Sychev—the leading Russian scientist and manager, permanent researcher at Central Aerohydrodynamic Institute, and member of the Russian Academy of Sciences. After his graduation from the Moscow Aviation Institute in 1948, and up to the present time, Sychev has been working at the Central Aerohydrodynamic Institute. Since 1960 he has been a deputy director of the institute, managing advanced directions in aerospace engineering and leading research groups. Currently, he is a counselor of the institute board of directors.

Throughout his scientific career, Sychev has paid great attention to research in the area of aero- and hydrodynamics, in which he has been involved in the development and application of analytical methods. He developed a theory of three-dimensional hypersonic flow over thin bodies at high angles of attack and derived new similarity laws. The law of flat sections stated by Sychev is still applied in the development of computational methods. With the valuable contributions of Sychev, advanced asymptotic methods are widely applied by researchers at TsAGI. These methods have allowed solving new problems of viscous flow dynamics. The theory of laminar/turbulent separation of a boundary layer from a smooth surface developed by Sychev is universally recognized. This theory has been subsequently extended by his students. Currently, Sychev is working on models of vortex flows, including tornado theory.

Vladimir Vasiliyevich Sychev is an honored professor at the Moscow Institute of Physics and Technology. He has always cared about the education of new generations of scientists. For many years he has been the head of the chair of aerohydrodynamics and a lecturer in the Department of Aeromechanics and Flight Engineering at the Moscow Institute of Physics and Technology. Many of his students have obtained Ph.D.'s and have become famous scientists.

Vladimir Vasiliyevich Sychev has been involved in a wide range of scientific and social activities. He serves on the Russian National Committee on Theoretical and Applied Mechanics; he was a member of the expert board of the Russian State Commission for

Academic Degrees and Titles and of the Russian Foundation for Basic Research; he has participated in organizing committees for many conferences; and he has been a member of editorial boards for scientific journals.

Vladimir Vasiliyevich Sychev has been working in TsAGI Science Journal since the very beginning and over the past 40 years has been its associate editor-in-chief. Throughout that time he has made formative contributions that have helped maintain the high scientific standards of the journal. Sychev has been awarded two Orders of Lenin, two Orders of the Red Banner of Labor, and numerous other medals for his tremendous contribution to the development of aerospace engineering. He is a winner of three awards named after N. E. Zhukovsky. His colleagues and friends sincerely congratulate him on his longevity and this remarkable anniversary, they appreciate his consistent wise advice, and they wish him continued health with many more fruitful years to come.