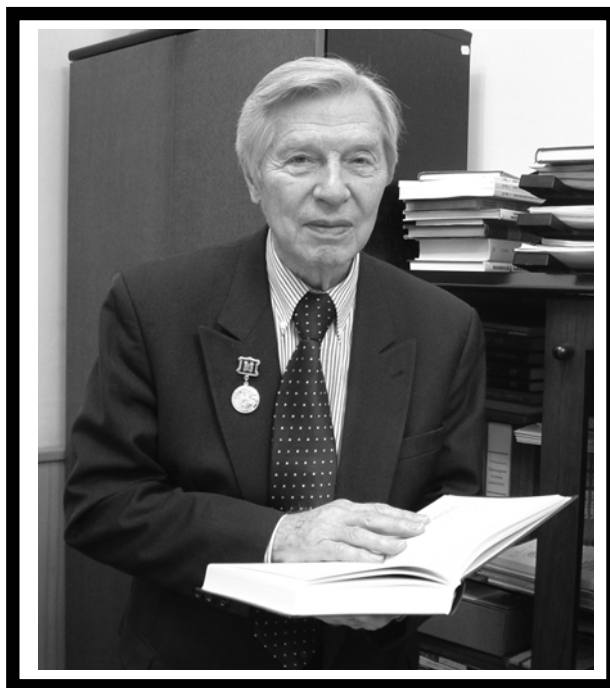


## OBITUARY



### GORIMIR GORIMIROVICH CHERNYI

(1923–2012)

Honorary Editor-in-Chief of Russian Journal of Biomechanics, Academician of Russian Academy of Sciences, Professor, Doctor of Physicomathematical Sciences Gorimir Gorimirovich Chernyi could be 90 on the 22-th January, 2013. Professor Gorimir Gorimirovich Chernyi passed away on November 6, 2012.

Gorimir Gorimirovich Chernyi was born 22 January, 1923 in the town of Kamenetz-Podolskii, Ukrainian SSR. After leaving school in 1940 in Kherson, he entered the Mechanics and Mathematics Faculty of Moscow State University named after M.V. Lomonosov. In 1941, he volunteered for the front of the Great Patriotic War and served as a common soldier, and then commander of the artillery guns.

G.G. Chernyi was wounded several times during the war. For his participation in military operations, he was awarded the Order of the Red Star, the Orders of the Patriotic War of 1st and 2nd Class, Order of Glory of 3rd Class, the medals "For Courage", "For the Defense of Moscow", "For the Capture of Königsberg", "For the Capture of Berlin", "For the Victory over Germany in the Great Patriotic War 1941–1945", and some commemorative medals.

Having returned from the war, G.G. Chernyi resumed his studies at the Mechanics and Mathematics Faculty of Moscow State University and graduated with honors in 1949. In 1953, he presented his Candidate thesis, three years later a Doctorate dissertation and became a Doctor of Physical and Mathematical Sciences in 1956. G.G. Chernyi was elected a corresponding member of the Academy of Sciences of the USSR in 1962, and in 1981 he was elected a full member of the Academy of Sciences of the USSR.

G.G. Chernyi was the founder and leader (1952–1970) of the Gas Dynamics Laboratory in the Central Institute of Aircraft Engine Construction named after P.I. Baranov. From 1960 to 1992 he was holding a position of Director of the Institute of Mechanics of the Moscow State University. Since 1988, he was the Head of the Chair of Aeromechanics and Gas Dynamics of the Mechanics and Mathematics Faculty of the Moscow State University.

G.G. Chernyi has been the founder of the scientific schools in Hypersonic Aerodynamics, the Theory of Combustion and Detonation, Magnetic Hydrodynamics. He has published over 150 scientific papers, some of which marked the beginning of the new fields of science. His monograph "Teheniiia gaza s bol'shoi sverkhzvukovoi skorost'iu" ("Gas Flow at Hypersonic Speeds") received wide scientific acceptance. His textbook on the Gas Dynamics has become an instant classic, this is a fundamental course combining completeness and rigour with clarity and simplicity of narration.

Under the guidance of G.G. Chernyi, more than 30 Ph.D. theses have been presented. Among his students there are 15 Doctors of Sciences, Academicians of the Russian Academy of Sciences, leaders of scientific collectives in industry and education.

G.G. Chernyi was the Chairman of the Russian National Committee on Theoretical and Applied Mechanics, Chairman of the Scientific Council on Mechanics of Liquid, Gas and Plasma, a member of the Scientific Council on Combustion, Chief Editor and member of the editorial boards of leading Russian scientific journals, he headed the Council of the Department of Mechanics of the Mechanics and Mathematics Faculty of the Moscow State University.

For his scientific and pedagogical activity, G.G. Chernyi was awarded the USSR State Prizes (1972, 1978, 1991) and Russian Federation State Prize (2002), Prize of the Council of Ministers of the USSR (1985), the Order of the Red Banner of Labour (1975), the Order "The Badge of Honor" (1957), the Order of Friendship of Peoples (1980), the Order "For Merits before Fatherland» 4rd Class (2003), the Order of Honour (1999), and some medals. He was awarded the Prize named after M.V. Lomonosov (Moscow State University, 1965), the Gold Medal and the Prize named after N.E. Zhukovsky (Academy of Sciences of the USSR, 1959; Russian Academy of Sciences, 2006), Gold Medal named after S.A. Chaplygin (Academy of Sciences of the USSR, 1976), Gold Medal and Prize named after L.I. Sedov (National Committee on Theoretical and Applied Mechanics of Russian Academy of Sciences, 2003). In 2005, G.G. Chernyi was awarded the Russian Independent Award "Triumph".

G.G. Chernyi was, is and will be the outstanding scientific figure. For us, there is a long a difficult way of comprehension of that great scientific heritage which has been left by this outstanding Russian scientist.