

Please be aware about the approaching date of Professor Doctor Vladilen F. Minin

75 years of Prof. Dr. Vladilen Fedorovich Minin, more than 30 years to supervising

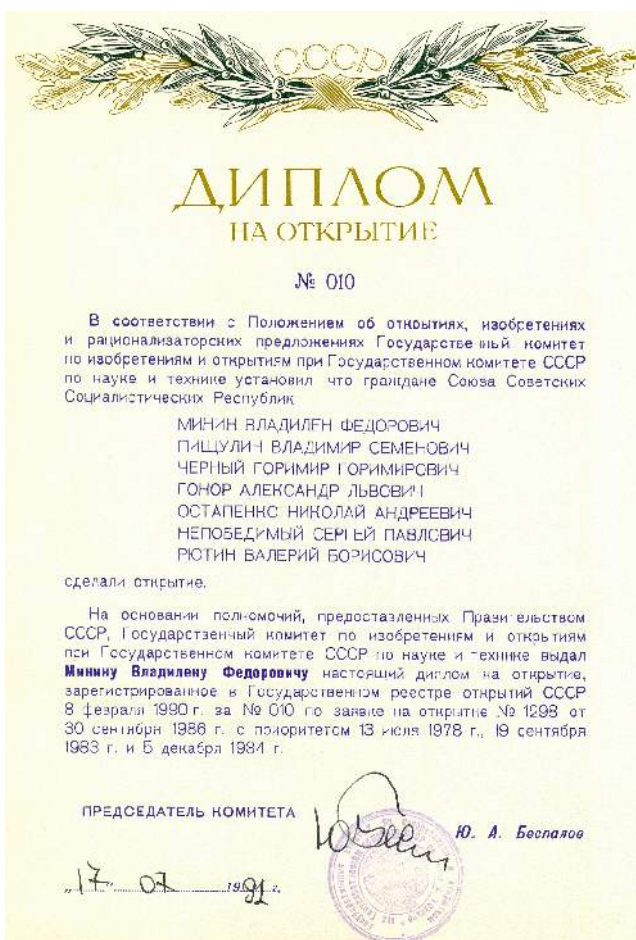
JSC "Institute of applied physics" (Novosibirsk) May, 27, 2007 is executed



Vladilen F. Minin was born May, 27, 1932 in Rudinka Gorlovskogo area of the Ryazan area. Has ended MFTI (Moscow Physical-Technical Institute). Labour activity began the turner and the teacher from evening school. In 1958 one of the first under M.A.Lavrent'ev's invitation has moved from Moscow to work in the Novosibirsk akademgorodok.

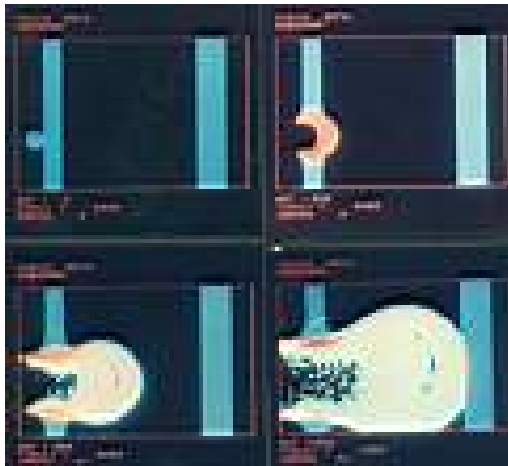
Scientific activity of the beginnings in Institute of hydrodynamics where has based one of directions on research of interaction of shock waves with bubbles in water, was the organizer of equipment of institute of hydrodynamics the equipment for realization of physical experiments with its becoming. He was one of organizers of a demonstration study of physical faculty in Novosibirsk the state university from the moment of its creation for which has developed more than 100 demonstration experiences. In 1966 he has based the State Special Buro (GSKB) "SOSNA" ("Pine") which in 1968 was transformed in the Institute of applied physics under the leaderships of him.

More V.F.Minin's than 30 years were the supervisor of studies, the general director - the main designer of the Award of a labour red banner of Institute of applied physics (Novosibirsk), Dr., the professor, the winner of the State premium of the USSR, academician of the Academy of Technical Sci. of the Russian Federation, the founder and the President of the Uralo-Siberian branch of academy of technological sciences of Russia, winner of awards of the Lenin's Orden and the Award of the Labour Red banner, other awards and medals, the author of opening, more than 600 proceedings, more than 150 inventions and patents.



In the field of numerical methods and algorithmization under a scientific management Prof. Minin V.F. carries out in-depth studies on creation of effective machine-sensitive methods and algorithms of numerical modelling of processes of physics and the mechanics.

The researches spent by him on development of programmno-means have lain in a basis of creation of the automated computer complexes allowing operatively to make computing experiment and to process its results in a terminology of the researcher of the physical phenomenon or the designer. Developed under a management of Prof. Minin V.F. programmno-technical systems are equipped with packages of applied programs on many directions, including: non-stationary problems of the mechanics of the continuous environment, optico-electronic systems, x-ray special tomography, systems of the automated designing of products of mechanical engineering.



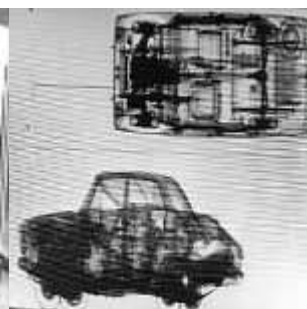
Under a scientific management of Prof. Minin V.F. created family of modern color raster displays of lines "Gamma" on the basis of the domestic completing simplifying interaction of researchers of a various sort of processes with computing technology. They are introduced at many enterprises and since 1990-91 all television centers of the USSR were equipped with stations video-computer diagrams "Gamma - T". On the basis of use of computing experiment with area of high-speed processes of the mechanics of the continuous environment the problems promoting essential increase of efficiency of some kinds of products of mechanical engineering are solved. Besides it has allowed to carry out modelling of against-meteoritic protection of space vehicle "Vega" in the project "Vega-Galley" and focussings of a shock wave with the help of diffractational element in a nonlinear mode. For a complex of works on creation of computer facilities and technology of computing experiment Prof. Minin V.F. in 1988 the State

premium of the USSR is awarded.



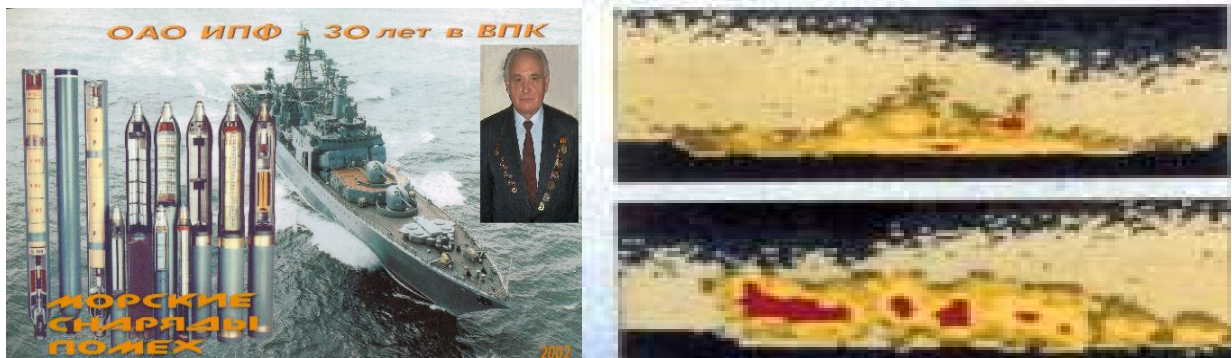
In the field of physics of high-speed process by Prof.V.F.Minin processes it was possible to solve so-called a problem of "rotation" (spin) in the cumulative charges (hollow charge), remaining not solved with the beginning of 40th years, he has offered cylindrical cumulative charges, has developed physical principles of construction of the tandem cumulative charges which are not having analogues in the world till now.

V.F.Minin's Big contribution has brought to development of physical principles and creation of family of unique devices on struggle against terrorism and a drug mafia, in particular, in gas analyzers M01, M02, explosive-protection chambers, x-ray customs engineering. These devices provided safety of realization in Olimpic Game-80 in Moscow.



Prof. V.F.Minin's Biography is brought in the directory of American publishing house Marques Who's Who in Science and Engineering 2002-2003 of 21 centuries conducting a scientific world and others.

Under V.F.Minin's manual it was created more than 70 kinds of families of arms, in particular, for navy fleet (system of optiko-electronic action for complexes of PK-2, the PK-10, the PK-16, products of MI - 27, MI - 37 and of some other products), aircraft (family of unguided rockets C-8, C-13, C-25, Ptab-1M etc.) both armies of the USSR and the Russian Federation. Many of them till now have no analogues in the world and form a basis for the further updatings.



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