

# **Biographical Information for Yevgeny P. Velikhov**

Yevgeny Velikhov graduated from the Moscow State University in 1958 and joined the “Kurchatov Institute of Atomic Energy,” where he progressed from a junior scientist to the position of Director (1988). That Institute was transformed into the “Russian Research Center Kurchatov Institute” (RRC KI) in 1992, and Yevgeny Velikhov was appointed as the first RRC KI President.

In 1968 Dr. Velikhov was elected Corresponding Member, and in 1974 Valid Member of the USSR Academy of Sciences. From 1977 to 1996 he was twice elected Vice President of the Academy of Sciences.

Dr. Velikhov is a major scientist in field of plasma physics and fusion. Since 1973 he has been the chief scientific leader of fusion studies in the USSR. Dr. Velikhov is a representative of Russia on the International Council on Controlled Thermonuclear Fusion at IAEA. Since 1988 he has been the Chairman of the Board of an international program (Russia, USA, United Europe and Japan) to develop a thermonuclear experimental reactor (ITER). He is also the chief scientist of the program for the development and implementation of technological lasers.

Dr. Velikhov is the founder and first academician - secretary of the Division of Information Science, Computer Facilities and Automation of the Academy of Sciences. In 1981 Dr. Velikhov was elected as honorable member of Swedish Royal Academy of Engineering Sciences. Since 1966 Dr. Velikhov has been a professor of Moscow State University.

Dr. Velikhov is a pioneer and inspirer of a number of large projects for the conversion of defense branches of Russian industry. Since 1992 he has the President of the joint-stock "Russian Company on Development of Shelf," combining enterprises of the defense complex in underwater shipbuilding with enterprises of the oil and gas complex for the purpose of development of offshore hydrocarbon fields on the Russian shelf.

Dr. Velikhov is an acknowledged world expert in the nuclear power industry and fuel cycle development. He is an honorable doctor of a number of Universities in France, USA, Great Britain, Germany, etc. He was awarded the highest of the USSR and Russia's Orders and Prizes.

He is a Szillard Prize winner of the American Physical society, and "Science and World " Prize winner of the World Federation of the Scientists, Switzerland.