



OUR CONGRATULATIONS

To 80th anniversary of academician Boris A. Movchan



Known scientist in the field of materials science and electron beam technology, academician of Academy of Sciences of UkrSSR Boris A. Movchan is 80 years of age.

Boris A. Movchan was born on 9th of January 1928 in village Makievka, Chernigov oblast. In 1944 he finished incomplete secondary school, in 1946 --- two years of Kiev Ship Building Technical School, and in 1951 --- physical faculty of the T.G. Shevchenko Kiev State University, where he specialized in «Physics of metals».

Since 1951 till nowadays B.A. Movchan has been working in the E.O. Paton Electric Welding Institute of the National Academy of Sciences of Ukraine, first as a research assistant of the Institute, and from 1960 till 1994 as Head of the department of electron beam technologies; since 1994 he has been the founder and director of International Center for Electron Beam Technologies of the E.O. Paton EWI (IC EBT). Beginning from 2003 till nowadays B.A. Movchan has been occupying position of chief research assistant of the Department of vapor-phase technologies of non-organic materials of the E.O. Paton EWI and research assistant-consultant of IC EBT.

In 1954 B.A. Movchan defended thesis for scientific degree of candidate of engineering sciences, and in 1961 became doctor of engineering sciences. In June 1964 he was elected a corresponding member of Academy of Sciences of UkrSSR, and since March 1978 ---

academician of Academy of Sciences of UkrSSR in the field of «Materials science and strength of materials».

Main direction of scientific activity of B.A. Movchan is structure and properties of non-organic materials, electron beam technologies, and new materials.

He may be rightfully called the founder of a new scientific school for producing new materials and multifunctional coatings by the method of electron beam technology of evaporation and condensation in vacuum. B.A. Movchan published more than 360 scientific works, 7 monographies and received more than 100 patents. He trained 56 candidates and 6 doctors of engineering sciences. He is member of the editorial boards of a number of scientific journals and scientific councils.

Scientific activity of B.A. Movchan is marked by a number of state awards. In 1974 he was awarded State prize of UkrSSR in the field of science and technology, in 1976 --- Order of the Red Banner of Labor, in 1981 --- second Order of the Red Banner of Labor, in 1984 --- Lenin prize for work in the field of electron beam technology, in 1988 --- order of Lenin, in 1989 --- Evgeny Paton prize of the NAS of Ukraine, in 1998 --- order «For Merits» of III degree. In 2004 Boris A. Movchan was awarded honorary title «Honoured Worker of Science and Technology of Ukraine». B.A. Movchan is marked by honorary diplomas of American Vacuum Society (1983, 1988) and Honorary diploma of Ministry of Aircraft Industry of China (1988).

Academician B.A. Movchan meets his 80th anniversary full of creative energy. We congratulate the hero of the anniversary, wish him good health, happiness, and further success for the welfare of our Ukraine.

*E.O. Paton Electric Welding Institute of NASU
International Center
for Electron Beam Technologies
Editorial Board of journal
«Advances in Electrometallurgy»*