

VENIAMIN MIRONOVICH BORISHANSKII (IN HONOR OF HIS SIXTIETH BIRTHDAY)

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May 8, 1977 marked the sixtieth birthday and completion of 37 years of scientific and educational activity of Doctor of Technical Sciences Veniamin Mironovich Borishanskii.

One of the leading scholars in the field of thermophysics, Borishanskii is widely known in scientific and engineering circles in our country and abroad. He has produced many major studies dedicated to various aspects of heat-exchange processes.

Borishanskii is associated with the I. I. Polzunov Central Boiler Tube Institute. His scientific activity was interrupted by the Second World War, in which he was wounded twice and decorated by the government for his military service.

At the present time Borishanskii heads the heat-exchange and hydrodynamics laboratory of the Polzunov Institute and teaches in the Physical Mechanics and Power Machinery Construction Faculties of the M. I. Kalinin Leningrad Polytechnic Institute.

Borishanskii is a leading specialist in the field of heat exchange in liquid boiling. Results of his theoretical and experimental studies on bubble and film boiling form the basis for present-day methods of heat-exchange calculation for vapor generating surfaces.

In recent years Borishanskii has studied the hydrodynamics and heat exchange of flows of liquid-metal heat-exchange agents. The great collection of theoretical and experimental material obtained in the course of these studies served as the basis for his books "Liquid Metal Heat Exchange Agents" (1958, 1967, and 1976) and "Handbook of Heat Transfer," written in co-authorship with S. S. Kutateladze, I. I. Novikov, and O. S. Fedynskii. These books have been republished in many countries and serve as standard references for heating engineers.

Borishanskii is involved in organizational and teaching activities concerned with preparation of scientists and engineers. Under his direction about 40 candidates' and doctoral dissertations have been defended. He has published over 250 scientific studies.

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His teaching activities have always been combined with efforts to popularize and inculcate into industry scientific attainments. He directs the operation of the Leningrad Branch of the Academy of Sciences of the USSR for Thermal Physics. Borishanskii's initiative resulted in five All-Union conferences on heat exchange and hydraulics in two-phase media.

We heartily congratulate Veniamin' Mironovich Borishanskii on this happy occasion and wish him good health and continued creative successes in his fruitful work for the good of our country.