

MEN OF SOVIET SCIENCE

VENIAMIN MIRONOVICH BORISHANSKII

(On the occasion of his 50-th birthday)

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On 8 May 1967 Professor Veniamin Mironovich Borishanskii celebrated his 50-th birthday and the 27-th anniversary of his scientific and pedagogical activity as a Doctor of Technical Sciences.

One of the leading scientists in the field of thermophysics, Borishanskii is well known in the scientific and engineering circles of the Soviet Union and abroad. He has done much basic research devoted to the various aspects of the processes of heat transfer.

Borishanskii's entire scientific activity has taken place within the walls of the Polzunov Central Turbine Boiler Institute; this activity was interrupted only during the years of World War II. In the ranks of the Soviet Army, Borishanskii was twice wounded and his performance in combat recognized through the award of government decorations.

Currently Borishanskii is in charge of the Heat Transfer and Hydrodynamics Laboratory of the Central Turbine Boiler Institute and is the Chairman of the Thermophysics Department of the Kalinin Leningrad Polytechnic Institute.

Borishanskii is an outstanding specialist in the study of the transfer of heat to a boiling liquid. The results of his theoretical and experimental studies of film and nucleate boiling have provided the basis for contemporary designs in the heat exchange of steam-generating surfaces.

During the past 20 years Borishanskii and the laboratory of which he is in charge have actively partici-

pated in research in the field of hydrodynamics and heat transfer involving single- and double-phase flows of liquid-metal heat carriers. The wealth of experimental material derived during the course of this research has been used extensively in the books *Liquid-Metal Heat Carriers* and the *Handbook on Heat Transfer*, written by Borishanskii and co-authored with S. S. Kutateladze, I. I. Novikov, and O. S. Fedynskii. These books have been reissued in a number of countries and serve as references for thermal engineers and technicians.

Borishanskii is successfully engaged in the training of specialists and under his leadership 15 Candidates of Technical Sciences have completed their training. The author of more than 100 published scientific papers, Borishanskii is actively engaged in publicizing and disseminating scientific achievements. He serves as the Chairman of the Leningrad Branch of the Council of the USSR Academy of Sciences on the problem of High-Temperature Thermophysics, he has edited a number of collections of scientific papers, and three All-Union Conferences on Heat Transfer and Hydraulics in the Motion of a Two-Phase Flow in Power Equipment Elements have been convened at his initiative and with his active participation in 1959, 1964, and 1967.

We congratulate Borishanskii on his anniversary and wish him good health and further creative success.