

75TH BIRTHDAY OF MIKHAIL KONSTANTINOVICH ZHOKHOVSKII

November 21 is the 75th birthday of Mikhail Konstantinovich Zhokhovskii, Doctor of Technical Sciences, Professor, and recipient of the State Prize.

Mikhail Konstantinovich's talent, constant efforts at self-improvement, and love of work have brought him a considerable distance from laboratory assistant to leading Soviet scientist, particularly in his position as Director of the Soviet school of pressure measurement.

In 1945, the journal *Tochnaya Industriya* carried Zhokhovskii's first publication, which was concerned with the design and use of instruments with unsealed pistons in metrology. This small paper laid the basis for lengthy series of physical, technological, and metrological researches on piston measuring systems. The profound theoretical and experimental studies by Zhokhovskii and his school led to the definition of a general theory of unsealed-piston instruments, which was the basis for the reequipping of Soviet standardization laboratories in the area of measurements on pressure, force, and mass.

In 1953, Zhokhovskii was awarded the State Prize for research and design in precision and highly reliable standard systems, which formed the prototypes for existing State primary and special standards in the measurement of force and pressure.

Zhokhovskii has carried out series of major studies in the physics of high pressures in recent years at Moscow Agricultural Academy, the All-Union Research Institute for Technical Physics and Radio Engineering Measurements, and the All-Union Metrological Service Research Institute, which have led to many studies on the properties of liquids and solids at high and ultrahigh pressures. Zhokhovskii continues as the scientific director of these researches, which are of considerable importance for measurement technology in leading branches of the economy.

The scientific, pedagogic, and social activities of Zhokhovskii have led to the award of various medals and other marks of recognition.

Zhokhovskii is widely known in Soviet and foreign scientific metrological fields. His monographs have been studied and utilized by virtually all Soviet specialists concerned with the design of precision manometric equipment.

His vast experience and erudition, along with his warm personality, have led to Mikhail Konstantinovich Zhokhovskii being widely regarded by his colleagues, numerous students, and co-workers. These all wish him good health, many years of working life, and further advances.