

OBITUARY

NIKOLAI NIKOLAEVICH MARKOV

The outstanding Russian metrologist Nikolai Nikolaevich Markov died on November 14, 1995 after a serious illness in the 75th year of his life. He was an honored activist in science and engineering in the Russian Federation, academician in the Metrological Academy, professor, and D. Sc. in technical sciences.

He was a man of high principles and devoted service and covered a wide range of activities during his life, stretching from worker and soldier during the Second World War to honored scientist in metrology who was widely known in this country and abroad.

His entire creative life was indissolubly related to two organizations: Moscow Machine Tool Institute (MGTU Stankin) and the Interchangeability Office, later the All-Union Measurement Research Institute. After he graduated in 1952 from the Instrument-Making Faculty of Stankin, he took up work in the All-Union Measurement Research Institute, with which he maintained a permanent connection. His efforts made an enormous contribution to the establishment and development of that organization. From 1974 right up to the end of his life, Markov taught in Stankin MGTU, and he devoted all his knowledge and efforts to training young specialists.

His scientific legacy is large and has many facets. He published 12 books, including textbooks, and had over 250 scientific papers and inventions. In that way he made a large contribution to the development of several lines in contemporary metrology and engineering, of which we may particularly note topics in the accuracy and monitoring of gearwheels, error analysis and the selection of means of measurement, the theory and practice of standardizing accuracy, and aspects of metrological support. He was the author of the fundamental standard GOST 8.051-81, "Errors permitted in measuring linear dimensions up to 500 mm" and Statements of Method RD 50-98-86 on the choice of universal means of measurement, which are working documents for every metrologist.

We particularly note his teaching activity as professor. He founded a scientific school and trained one D. Sc. and 19 Ph. Ds. Hundreds of graduates from MGTU Stankin remember their teacher with gratitude.

Markov devoted much effort to popularizing metrological knowledge and bringing advanced experience from production to metrologists. His activities in the Znanie (Knowledge) Society are familiar from the long-running seminars on the Day of the Metrologist, whose director he was for more than twenty years.

Professor Markov had wide international contacts (Germany, China, and so on). The results from his researchs have been implemented in this country and abroad.

His efforts over many years have been recognized by government awards, medals from the Exhibition of Achievements of the National Economy, and other honors.

The memory of an outstanding scientist, teacher, citizen, and man will always be preserved in the hearts of his colleagues and students.