

OBITUARY: PETR KUZ'MICH KONAKOV

Editorial Board



The talented scientist, brilliant teacher, and Doctor of Technical Sciences, Profesor Petr Kuz'mich Konakov died on January 30, 1974 at the age of 66 following an extended severe illness.

P. K. Konakov started work in 1925 as an assistant locomotive machinist. After graduation from the MĚMIT in 1934 he devoted himself entirely to science teaching. In 1937 P. K. Konakov successfully defended his candidate's dissertation and in 1946 his doctoral dissertation. He soon became a professor of the MIIT, heading the Thermopower Plant Department which he directed until going on a pension.

For a long time Prof. P. K. Konakov worked at the Power Institute of the Academy of Sciences of the USSR. During this period together with Academician M. V. Kirpichev he developed the theoretical bases of similarity theory. The results of these studies are presented in their joint monograph "The mathematical bases of similarity theory" which promoted the wide development of similarity theory in our country.

For a long time Petr Kuz'mich was occupied with the problem of the application of methods of similarity theory to different fields of thermotechnology. His monographs "Similarity theory and its application to thermotechnology" were published in this period. The profound studies represented in these works advanced P. K. Konakov to the ranks of the leading specialists of our country.

A talented scientist possessing a broad outlook, P. K. Konakov devoted much attention to the study of general principles of mass and energy transport and to problems of convective, radiant, and combined heat exchange. Together with his students Prof. P. K. Konakov developed a method of calculating the heat exchange in combustion chambers of presented in the monograph "Heat exchange in combustion chambers of steam boilers."

P. K. Konakov published over 100 scientific works, many of which have been translated abroad. He prepared 40 candidates and 10 doctors of sciences. Petr Kuz'mich was a remarkable teacher and lecturer. He expended great strength and energy on work with young people, was a demanding and considerate mentor, and imparted to them his rich experience and deep understanding of the essece of phenomena.

P. K. Konakov was a member of the editorial council of the international journal Heat and Mass Exchange. He has been awarded government prizes for scientific and pedagogical activity.

The bright memory of Petr Kuz'mich Konakov, a talented scientist and teacher and a man of generous spirit, will always be kept in the hearts of those who knew him.

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