

Associate Professor RNDr. Jozef Tiňo, DrSc. Sixty Years Old

This year we have reminded the 60th birthday of Associate Professor RNDr. *Jozef Tiňo*, DrSc., a distinguished personality of our chemical physics. He was born in Zámotov on April 15, 1932. After finishing the secondary school at Michalovce in 1953, he studied physics at the Faculty of Natural Sciences of the Comenius University in Bratislava. He graduated in 1958 and taught mathematics and physics at the secondary schools in Dobšiná and in Bratislava till 1961. He was also active in the theoretical photometry at the Institute of Construction and Architecture of the Slovak Academy of Sciences in Bratislava for two years. Since 1963 he has joined the staff of the Polymer Institute of the Slovak Academy of Sciences in Bratislava and has been working there up till now.

In the years 1964–1969 he accomplished the Ph.D. degree from physical chemistry at supervision of Professor *Koutecký* in Prague. These studies directed him to the problems of theoretical chemistry and chemical physics where he found a main field of his scientific realization. Also the DrSc. thesis defended in 1982 had a source in his interest in this region. He habilitated for the associate professor in 1991.

Scientific activity of Associate Professor Tiňo resulted in many original contributions. His approach to the interpretation of EPR spectra of polymers was completed by the proposal of a very effective algorithm for their analysis. Large experience in this field enabled him to construct a complex theoretical model of radical decay in solid polymers. Considerable is also his contribution to the quantum chemistry with many methodical improvements in calculation of spin densities and potential energy curves and surfaces. His work in the dynamics of atomic and molecular collisions where he belongs to the main founders of this research branch in our country met a high appraisal. As a coauthor of two monographs and about 80 original papers published mostly in the renowned international journals he built up a scientific reputation which can be documented by more than 300 citations of his works.

By the side of scientific research he has never neglected the pedagogical activity at the universities. He held lectures on linear algebra, quantum chemistry or collision theories for students at the Slovak Technical University and the Comenius University in Bratislava and at the P. J. Šafárik University in Košice. His lectures have been noticeable by their concentration on the most important things, by the strictly logical order of the mathematical formulas describing the given physical situation and by the clear ideas, definitions and relations making possible to see immediately the essence of the problem solved.

His activity in the management functions is also significant. A lot of his organizational work of different type can be traced at the Polymer Institute of the Slovak Academy of Sciences. Besides this he has been working as a member of committees for defending the DrSc. and CSc. degrees in chemical physics. Now as a member of executive committee of the Slovak grant agency for science he realizes his ideas about the organization of scientific work with the aim to increase its effectiveness.

The personality of Associate Professor Tiňo strongly influences his younger coworkers making them much more pretentious to themselves. His honest approach not only to the scientific work but to the whole life as well, serves as a shining example for all his colleagues and friends.

We all wish him much creative invention in work, accomplishing his personal goals as well as good health and contentment in further years.



V. Klimo