

István Mayer, PhD, DSc

Born in Budapest, Hungary, January 25 1943. Studied in Kharkov (Soviet Union, now Ukraine) with a scholarship of the Hungarian state. In 1967 got master degree in "radio-physics".

Since 1968 works for the Central Research Institute for Chemistry of the Hungarian Academy of Sciences (actually it is called Research Centre for Natural Sciences, Hungarian Academy of Sciences), went through all the levels from "assistant" to "scientific adviser"; actually has the rank of "research professor emeritus". Got PhD (1978) and DSc (1987) degrees from the Hungarian Academy of Sciences.

Since 1970 his main interests are in quantum chemical methodology. Started with the end of seventies he is mainly focused on the problems related with connecting the physical descriptions of molecules at the level of electrons and nuclei and the chemical one at the level of atoms and bonds. Thus, for instance, in 1983 he introduced the so called "bond order index", now bearing his name, which gives the quantum mechanical counterpart of the chemists' bond multiplicity.