

IN MEMORIAM PROFESSOR DUMITRU NEGOIU (1921-2011)

On the 24th of March 2011, an important personality of the Romanian chemistry branch, Prof. Docent PhD Dumitru Negoiu, passed away.

He was born on April 8th 1921 in Petrila, Hunedoara County.

After graduating the theoretical high school of Deva, in the autumn of 1945, he was admitted at the Science Faculty of Bucharest University. In 1948, after the scission of the Science Faculty into Chemistry Faculty and Mathematics and Physics Faculty, he was admitted into both.

After graduating the two faculties, Chemistry Faculty (Chemistry-Physics – research and analysis department) and Mathematics and Physics Faculty, major in nuclear physics, he was named junior teaching assistant at the Analytic and Inorganic Chemistry Department. Between 1950-1954 he was assistant lecturer, becoming afterwards assistant professor (1954-1961), associate professor (1961-1967), professor (1967-1992), and finally professor emeritus (1992-2011).

He joins PhD courses in 1958, obtaining the PhD in Chemistry in 1963 with the thesis „Complex combinations in the theory of ligands field”, having Acad. I. G. Murgulescu as a scientific coordinator.

In 1970, according to the valid regulations of the Superior Committee for Diplomas of the Education Ministry, he becomes Docent PhD of Science, also having the possibility to be a scientific coordinator for „Inorganic chemistry. Structure of inorganic compounds” specialty. He coordinated 32 PhD theses, contributing to the formation of many research, production or education specialists. Those who were his students appreciated and remembered his professional qualities, his work and his perseverance.

The research activity of Prof. Docent PhD Dumitru Negoiu is materialized in over 288 scientific papers published in local and foreign journals.

During 1962-1963 he followed specialty courses at the University of Rome, under the guidance of professor Claudio Furlani.

He was part of many scientific exchanges with teams from Germany, Czechoslovakia, Hungary and Poland.

In his field of research, as well as in the PhD theses, professor Dumitru Negoiu followed the synthesis and characterization of a large number of complex combinations of gold,

selenium, tellurium, zinc, copper, cobalt, nickel, iron, platinum etc. In the study of these synthesized complex combinations there were used some of the most recent methods: X ray diffraction, IR spectroscopy, UV-VIS, RES spectra, nuclear magnetic resonance, mass spectroscopy etc. Some of these methods were used for the first time in our country in the study of complex combinations.

Prof. Docent PhD Dumitru Negoiu also had a rich editorial activity by publishing as unique author, or in collaboration with others, 11 books such as: „Inorganic Chemistry Treaty” (2 volumes), „Inorganic Pollutants in the Air”, „Electronic Structure of the Complex Combinations”, „The Structure of the Inorganic Combinations”, „Oxygen”, „Quantum Chemistry of the Complex Combinations”, „The Method of Irreducible Tensor Operators in Chemistry”, „Chemists of Bucharest University”.

Active and energetic, professor Dumitru Negoiu also had administrative positions within the Faculty. Between 1954-1956 and 1959-1962 he was pro-dean of the Chemistry Faculty, and between 1968 – 1972 he was the dean of this institution. In 1972 he was named by the Education Ministry as the Head of the Inorganic Chemistry Department.

Professor Dumitru Negoiu had a rich activity in his department, as well as in the Faculty, tenaciously following the organization and preparation of the laboratory works. He was most disciplined and correct regarding the students formation as future specialists in the specific field.