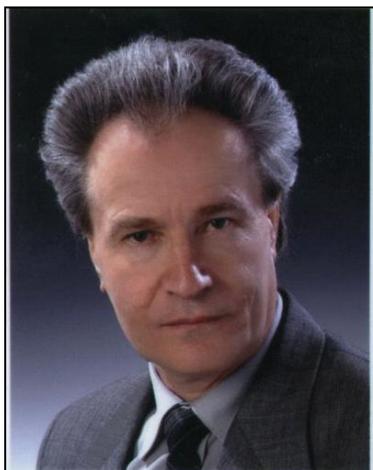


## In honor of Gligor Jovanovski's 70<sup>th</sup> birthday



Academician Dr. Gligor Jovanovski was born on July 17, 1945 in Nistrovo near Gostivar. He attended elementary school in his hometown, in Galičnik and then in Mavrovo; he attended high school in Skopje. For one year he worked as an elementary school teacher in his hometown, and then in 1965/66 he enrolled at the Faculty of Natural Sciences and Mathematics as chemistry major. He graduated in 1969. After one year volunteering at the Institute of Chemistry, he got the position of teaching assistant for physical chemistry courses in 1971, in 1982 he was elected assistant professor, in 1988 associate professor and in 1993 full professor at the Institute of Chemistry, Faculty of Natural Sciences and Mathematics in Skopje. After fruitful career he retired in 2010.

In 2006 he was elected a member of the Macedonian Academy of Sciences and Arts.

In 1974 he obtained his master degree from the University of Zagreb, defending the thesis titled *Crystal structure of tetrakis(trifluoroacetoxymercury)methane*. He obtained his PhD also from the University of Zagreb with the dissertation titled *Structural studies of sacharimates of some metals* in 1981.

Prof. Jovanovski has taught courses in *Physical chemistry* at the Faculty of Mining and Geology, Štip, *Selected topics of physical chemistry* for students from the Institute of Biology, *Physical chemistry III*, *Physical chemistry IV*, *Methods for investigation of crystal structures*, *Materials science I* and *II* for students of chemistry, *Structure of atoms and chemical bonds*, *Structure of molecules* and *Crystal chemistry* for undergraduate students at the Institute of Chemistry at the Faculty of Natural Sciences and Mathematics, *Diffraction methods for investigating crystals* and *Methodology of scientific method* for graduate students at the Institute of Chemistry. Also, he conceived and lectured the courses *Crystal chemistry* for undergraduate students and *Diffraction methods for investigating crystals* for graduate students.

Academician Jovanovski is author of three monographs, editor of one monograph and co-author of two university textbooks.

He has been a reviewer of one university textbook, six high school chemistry textbooks, one compendium of problems for high school students and one elementary chemistry textbook. Also, he has been a reviewer of a large number of scientific papers in 22 different scientific journals, 19 of which international.

Academician Jovanovski has published more than 201 papers (181 original scientific and 20 professional) in 56 different journals (49 international), 9 of which are reviews.

He has had 215 presentations, of which 137 international, has attended 94 scientific meetings (67 international and 27 local).

According to *Science Citation Index (SCI)* the results of the scientific contributions by Academician Jovanovski have been cited 2040 times in different international publications, in renowned monographs, reviews and bibliographies in the area of structural chemistry.

The field of scientific interest of Prof. Jovanovski is mainly in the area of X-ray structural analysis and vibrational (infrared and Raman) spectroscopy.

Most of his scientific papers (88) are in the area of structural and crystallographic characterization of saccharin and its complexes with various metals, as well as thiosaccharin and its metal complexes, 58 papers are in the area of investigations of spectroscopic and structural characteristics of minerals from Macedonia, 35 papers are devoted to the study of the structure and infrared spectra of various inorganic, metal organic compounds and organic compounds, as well as pharmaceuticals. Prof. Jovanovski has delivered nine lectures (four plenary) of which 7 at foreign universities.

Prof. Jovanovski has participated in 45 scientific projects, of which 15 international and has been principal investigator of 11 projects. Presently he is taking part in four projects.

After a 20 year study of the structural and mineralogical characteristics of the minerals from Macedonia, Prof. Jovanovski published the monograph *Minerals from the Republic of Macedonia with an Introduction to Mineralogy*. At the same time a complete mineralogical collection has been exhibited at the Institute of Chemistry, as well as a smaller collection at the Macedonian Academy of Sciences and Arts. He and his team have performed a complete study and characterization with vibrational (infrared and Raman) spectroscopy, X-ray diffraction and atomic absorption spectrometry of around 80 minerals from the Republic of Macedonia. The results of these studies have been published in a series of sixty papers in international and domestic journals which carry the common title *Minerals from Macedonia*. The monograph, published in English is of special interest for the Republic of Macedonia, where the results of one of the greatest treasures of Macedonia are summed up – the mineralogical treasure. In the realization of this project, in the scientific studies in particular, Prof. Jovanovski has included talented students, as well as other young investigators.

In the course of four years Academician Jovanovski has been editor-in-chief of the *Bulletin of Chemists and Technologists of Macedonia* and for four years has been a member of the Editorial Board. For six years he has been the secretary of the Editorial Board of *Contributions of MASA, Section of Mathematical and Technical Sciences* and since 2013 he is an editor-in-chief of *Contributions of MASA, Section of Natural, Mathematical and Biotechnical Sciences*. He is also editor in three international journals in the area of chemistry (*Chemical Sciences Journal*, *ISRN Spectroscopy* and *International Scholarly Research Notices (Analytical Chemistry)*) and member of the Advisory Board of the *Macedonian Journal of Chemistry and Chemical Engineering*.

Prof. Jovanovski has been an organizer of numerous scientific meetings in the country and has taken part in several TV and radio shows devoted to science, in order to popularize the science of chemistry generally and especially the presentation of the results of his vast investigations of the minerals from the Republic of Macedonia. He has spent five years at renowned foreign universities.

Among other activities, he has been Dean and Vice Dean of the Faculty of Sciences and Mathematics in Skopje, Head of the Institute of Chemistry, as well as Head of the graduate studies at the Institute of Chemistry. Presently he is the secretary of the Section of Natural, Mathematical and Biotechnical Sciences at the Macedonian Academy of Sciences and Arts.

Academician Jovanovski has been awarded numerous prizes, honors and recognition plaques.