

A. TAN'SHYNA

**LIFE DEVOTED TO SCIENCE.  
ILYA IVANOVYCH ZALYUBOV'S'KYI  
(15.06.1929–21.02.2013)**

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Our famous compatriots are the criterion of our spiritual life, our teachers, our spiritual basis, and the source of our pride against the world.

*Grygorii Skovoroda*

The ancient Greeks said that the life is not a number of passed years, but what has remained in the memory of descendants. The name of Ilya Ivanovych Zalyubov's'kyi who was the Pro-Rector in science of the V.N. Karazin Kharkiv National University had been inscribed on the pages of the Ukrainian scientific history already when he was alive.

Not an ordinary life has fallen to the lot of the scientist. He knew neither his father nor his mother, being in foster care. His orphaned childhood passed among rural children in the Poltava region. After finishing the secondary school at the village of Butenky, Ilya Ivanovych entered the Faculty of Physics and Mathematics of A.M. Gorkii Kharkiv State University. All his further life had been connected only with Kharkiv.

As early as being a student, Ilya Ivanovych revealed his propensity to the scientific activity. After his graduation from the University, a pivotal event occurred in the life of the talented young man: the well-known nuclear physicist, Academician Anton Karlovych Valter invited him to the postgraduate course at the Chair of Experimental Nuclear Physics. That was the start point for an impetuous scientific growth of the young researcher. He defended his Ph.D. thesis, when he was 29; at the age of 37, he was already the Doctor of Sci. in Physics and Mathematics. At the age of 33, I.I. Zalyubov's'kyi became the youngest Dean of a newly created Physico-Technical Faculty at the Kharkiv State University.

At the beginning of 1963, I.I. Zalyubov's'kyi was missioned by the State Committee on Atomic Energy of the USSR to the city of Cairo (Egypt) to organize scientific researches and for training the high-skilled

experts at the Egyptian Atomic Center. In 1962–1965, Ilya Ivanovych lectured to the scientists of this institution.

In 1967, Ilya Ivanovych Zalyubov's'kyi was invited to hold the position of Pro-Rector in Science at the Kharkiv State University; at that time, he was only 38. For almost half a century, Ilya Ivanovych tirelessly supervised the development of science and education at this oldest higher educational institution of Ukraine. “Science comes first!” was his slogan throughout the long term of his scientific and managerial activity.

I.I. Zalyubov's'kyi was the author and a coauthor of numerous scientific works. For instance, his two-volume handbook in nuclear physics (with almost 760 pages in each of the volumes) substantially enriched the world database with the data concerning the structure of nuclei. His monography *Introduction to Radiation Acoustics* was published in the USA, and his textbook *Nuclear Physics* is widely known in the UK, Bulgaria, Egypt, and China.

Ilya Ivanovych Zalyubov's'kyi had the exclusive intuition in selecting a scientific staff and the unordinary talent in predicting the promising directions of scientific researches. Not only did he raise his disciples, but also manage to unite them into an exclusively productive school of nuclear physicists.

In 1967, the collaborators of the chair headed by I.I. Zalyubov's'kyi discovered the phenomenon of radio emission from extensive air showers of cosmic rays. This cycle of works was awarded the State Prize of the UkrSSR. It is worth noting that, for long years, the number of collaborators at the Chair of Experimental Nuclear Physics headed by Ilya Ivanovych reached 200 persons.

Ilya Ivanovych enjoyed a sincere respect of his colleagues and numerous disciples for his human merits—kindness, delicacy, and honesty. From the youth to the gray hair, his morals were based on the Kant imperative “The starry sky above and the moral law within”.

I.I. Zalyubovs'kyi's masterpiece in education and science was adequately evaluated by the scientific community of Ukraine. Ilya Ivanovych Zalyubovs'kyi was awarded two Orders of the Red Banner of Labor (in 1976 and 1986), the Orders of Merit of the 3-rd (in 1998) and 2-nd (in 2004) grades. In addition, he won K.D. Sinel'nikov Prize (in 1983), the Prize of Yaroslav the Wise (in 1994), and two State Prizes in science and engineering (in 1971 and 1999). I.I. Zalyubovs'kyi was awarded a honor title "Honored Worker of Science and Engineering of Ukraine". He was the Chairman of the Expert Council in Natural Sciences at the Ministry of Education and Science of Ukraine, a member of the Committee of the State Prizes of Ukraine in Science and Engineering, and, for many years, an authorized representative of the Ukrainian government at the Joint Institute for Nuclear Research (Dubna, Russia). Moreover, I.I. Zalyubovs'kyi was

also a member of the Scientific Council in Nuclear and High-Energy Physics of the National Academy of Sciences of Ukraine, the Editor-in-Chief of the journal *Yadra, Chastitsy, Polya* (Nuclei, Particles, Fields) and a member of the editorial board of the *Ukrains'kyi Fizychnyi Zhurnal* (Ukrainian Journal of Physics).

One cannot help mentioning the words said by an outstanding educator Sofia Rusova: "To be a good teacher today means to be a true reformer of the life in Ukraine, an Apostle of Truth and Science. Only due to large efforts of such Apostles, Ukraine will have honest-minded activists-patriots, skillful and practical workers, and the socially united, intellectually developed collective of persons". The course of life of the Corresponding Member of the National Academy of Sciences of Ukraine Ilya Ivanovych Zalyubovs'kyi is a bright example of the service to science, education, and Ukraine.