

The Academy of Science of Ukraine includes many outstanding scientists and research workers famous for their important discoveries and inventions in nuclear physics, chemistry, biology, etc. They have made a great contribution to the world science for the benefit of our country. Among them are Sergiy Korolyov, Mykola Skliphosovsky, Volodymyr Vernadsky, Yevhen Paton and a lot of others whose names are familiar to us.

**Serhiy Pavlovich Korolyov** (1907-1966) is the famous scientist and designer of space-rocket systems. He was born in the city of Zhytomir in the family of a teacher. Many people regard him as a representative of the Russian people. However, S. Korolyov is Ukrainian.

He is known to be an outstanding creator of the practical space engineering. From 1927 he worked in the aircraft industry. In 1930, without giving up his job, he graduated from the Moscow Bauman Higher Technical School. After he had met Tsiolkovsky and studied his ideas, Korolyov became a rocket enthusiast. He was one of the founders of modern space-rocketry engineering. Korolyov trained many scientists and engineers who are now leading the work in research institutes and designing bureaus which specialize in the sphere of space- rocketry engineering.

In 1933 the first experimental rockets were made and tested. Korolyov took part in this work. Beginning with 1957 the first Earth satellites in the world were put into orbit with the help of the systems he had designed. The spaceship in which man first flew into space, was made under his guidance.

The prominent surgeon and scientist **Mykola Skliphosovsky** (1836-1904) was born in Moldova and was brought up in a charity-school in Odesa. After successful graduating from the University he wrote his thesis and became a professor of the Medical Academy in Petersburg. He was one of the organizers of the surgical school in Russia.

M. Skliphosovsky liked Ukraine and often visited Odesa and other Ukrainian towns. In 1871 he bought an estate in the outskirt of Poltava and rested there in summer. Then he removed to Poltava and worked as a physician at the regional hospital. It should be noted that he took care about poor people. He treated them free of charge and tried to create favourable conditions in the hospital. A new school was built for poor children on his initiative and his daughter was a teacher there.

**Volodymyr Vernadsky** (1863-1945) was the first President of Ukrainian Academy of Sciences. He graduated from Saint Petersburg State University. V. Vernadsky was a Ukrainian and Soviet mineralogist and geochemist who is considered one of the founders of geochemistry, biogeochemistry and of radiogeology. He was the first in our country to introduce the spectral method for the solution of geochemical problems.

**Yevhen Paton** (1870-1953) is another great scientist whose name is known all over the world. He was the first to apply electric welding in bridge construction. He carried out research on fundamentals of welding, how to calculate the strength of welded structures, and the mechanization of welding processes. During World War II Paton supervised the design and production of equipment and technology for automated welding of special steels for tanks, bombs and other military hardware. In 1934 Paton organized the Research Institute of Electro-welding at the Academy of Sciences.

So, as we see, Ukraine has a lot of outstanding people whose contribution to Ukrainian science was great and whose names will forever go down in history of the world civilization.