

**THE CONTRIBUTION OF UKRAINIAN SCIENTISTS AND ENGINEERS
TO SPACE RESEARCH**

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Currently, the issue of prospects for the development of the space industry in Ukraine is relevant. After all, the space industry occupies one of the priority places in the economy of our country. Achievements in this field provide our country with a leading position in the international market of space technologies. It should be noted that Ukraine belongs to the space states of the planet. Ukraine and Ukrainians played a major role in the development of cosmonautics. Ukrainian scientists and designers have theoretical achievements, they are known in the world for the results of practical

tests of their developments. Ukraine has the capabilities to design and launch space rockets and devices into Earth orbit. Information, data of Earth research, which is obtained with their help, is necessary for the successful development of various branches of the modern economy.

Among the notable achievements of Ukrainian specialists in the space industry are the creation of the Sich-1, Okean-O, AUOS and Micron spacecraft, the Zenit-3SL, Dnipro, and Cyclone-3 rocket carriers (Gluschenko, 2016). Ukraine participates in international projects to create the Antares and VEGA launch vehicles.

Ukraine, as a real space state, has a significant number of outstanding creators and theoreticians of cosmonautics. Among them is Serhiy Pavlovych Korolev. He is a Ukrainian scientist known for his achievements in the field of rocketry and cosmonautics. He is the chief designer of the world's first rocket and space systems. Konstantin Tsiolkovsky is considered the founder of modern cosmonautics. He was a descendant of the family of Hetman Severyn Nalivaik from Volyn. He was the first to scientifically substantiate the hypothesis of interplanetary travel. K. Tsiolkovsky is one of the founders of rocket engineering and modern cosmonautics. Academician Mykhailo Yangel is the main developer of several generations of strategic combat missiles. Leonid Kadeniuk is the first cosmonaut of independent Ukraine. He flew on November 19 as part of the international crew on the American spaceship "Columbia".

So, Ukrainian scientists, engineers, designers made a great contribution to the development of the space industry. Recently, the domestic space industry has turned to international cooperation for the implementation of future programs and projects.

References:

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