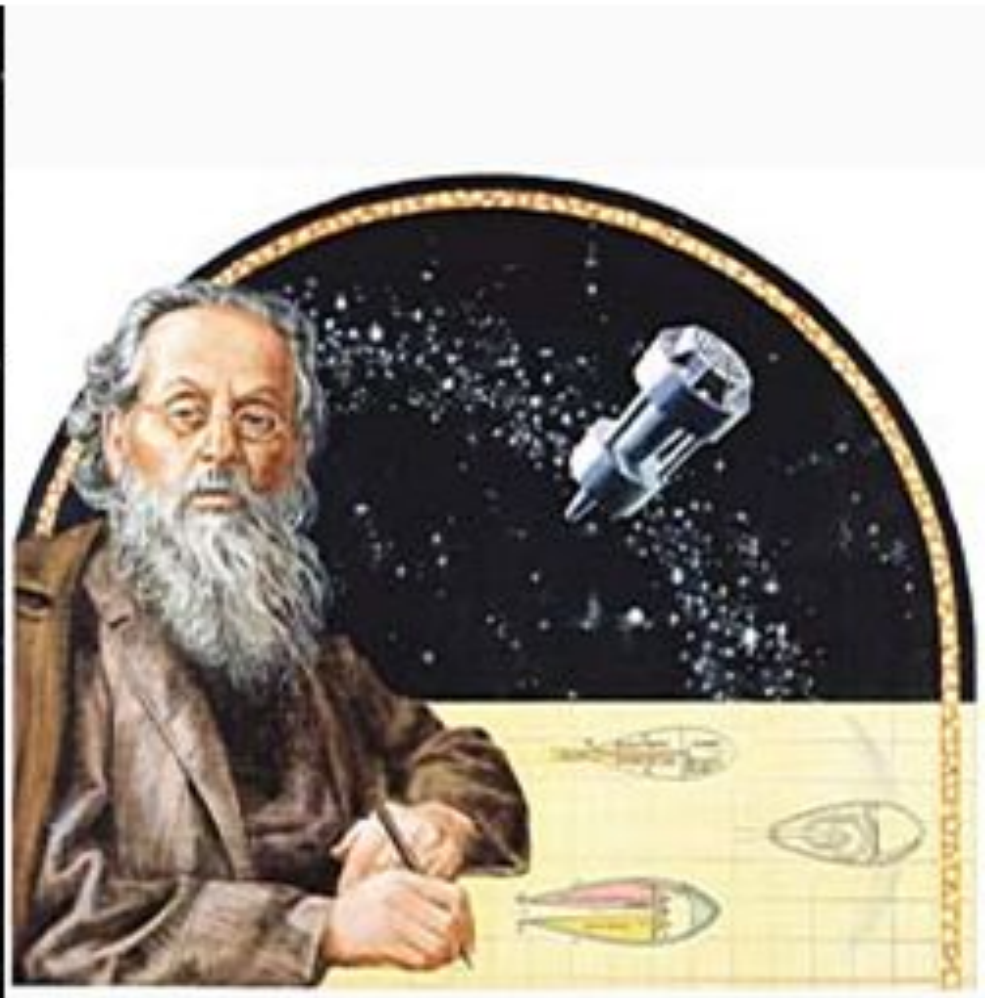



Famous people
with disabilities
hearing
impairments

Konstantin Tsiolkovsky



Konstantin Thiolkovsky (1857-1935) - Russian scientist and inventor, founder of modern astronautics. Works in the field of aerodynamics and rocket dynamics, the theory of the airplane and airship.

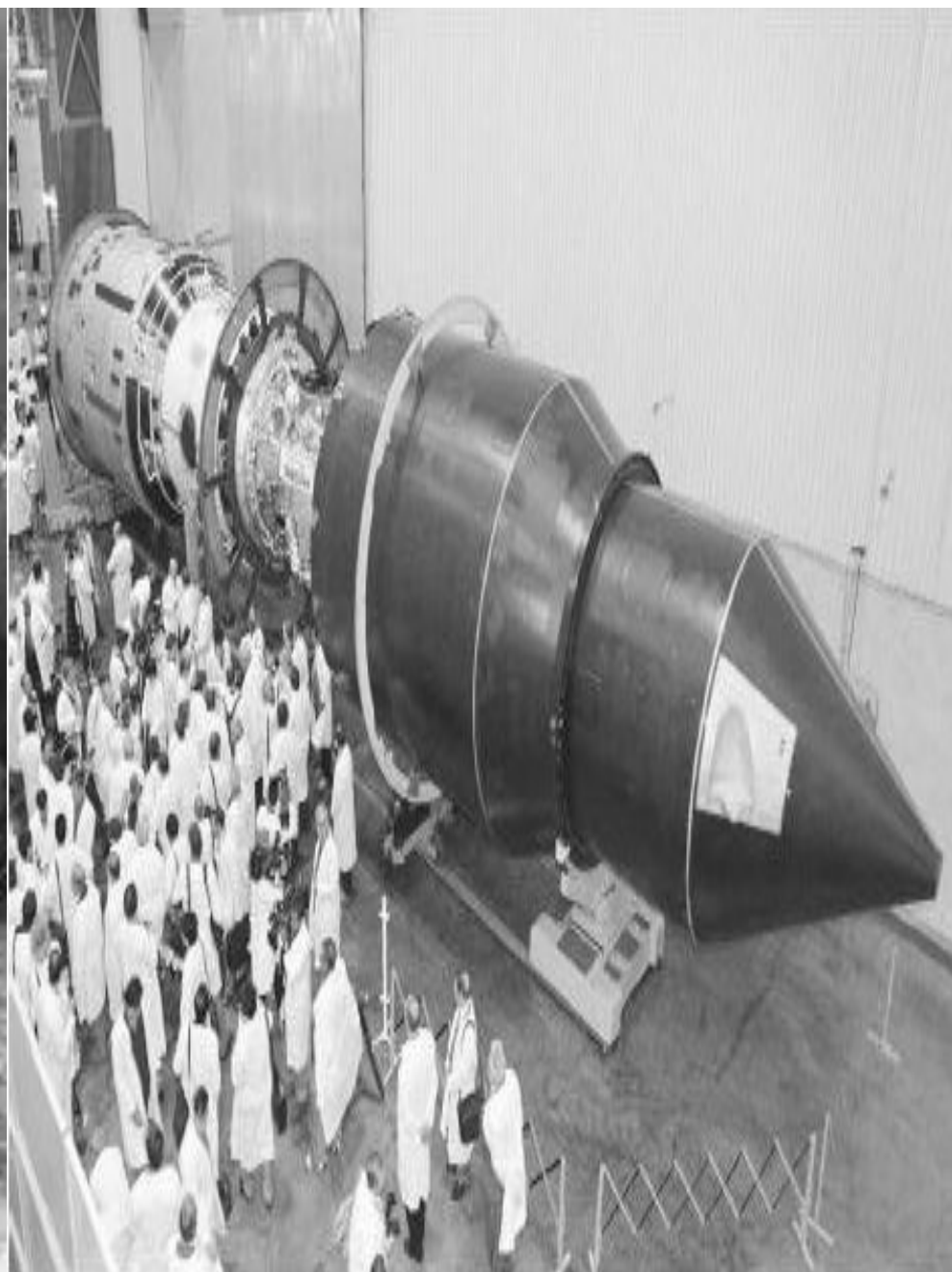
As a child, almost completely lost his hearing and 14 years studied independently; in 1879 as an external student passed the exam on the title of teacher, his life has taught physics and mathematics (from 1892 in Kaluga). For the first time proved the possibility of using rockets for interplanetary communications, pointed rational ways of development of astronautics and rocketry, found a number of important engineering solutions design missiles and liquid rocket engine. Technical ideas Thiolkovsky are used to create rocket and space technology.






The philosophical and artistic essay Konstantin Tsiolkovsky developed the "cosmic philosophy", which is based on the idea of "atoms" - the immortal animated elemental beings runs from organism to organism in the universe. Space Utopia Tsiolkovsky suggests human settlement of the solar system and other stellar worlds, and in the future - a complete biochemical reorganization of the Earth inhabitants and turning them into intelligent "animal-plant", the processing directly to solar energy. Tsiolkovsky's ideas formed the basis of the so-called Russian cosmism.

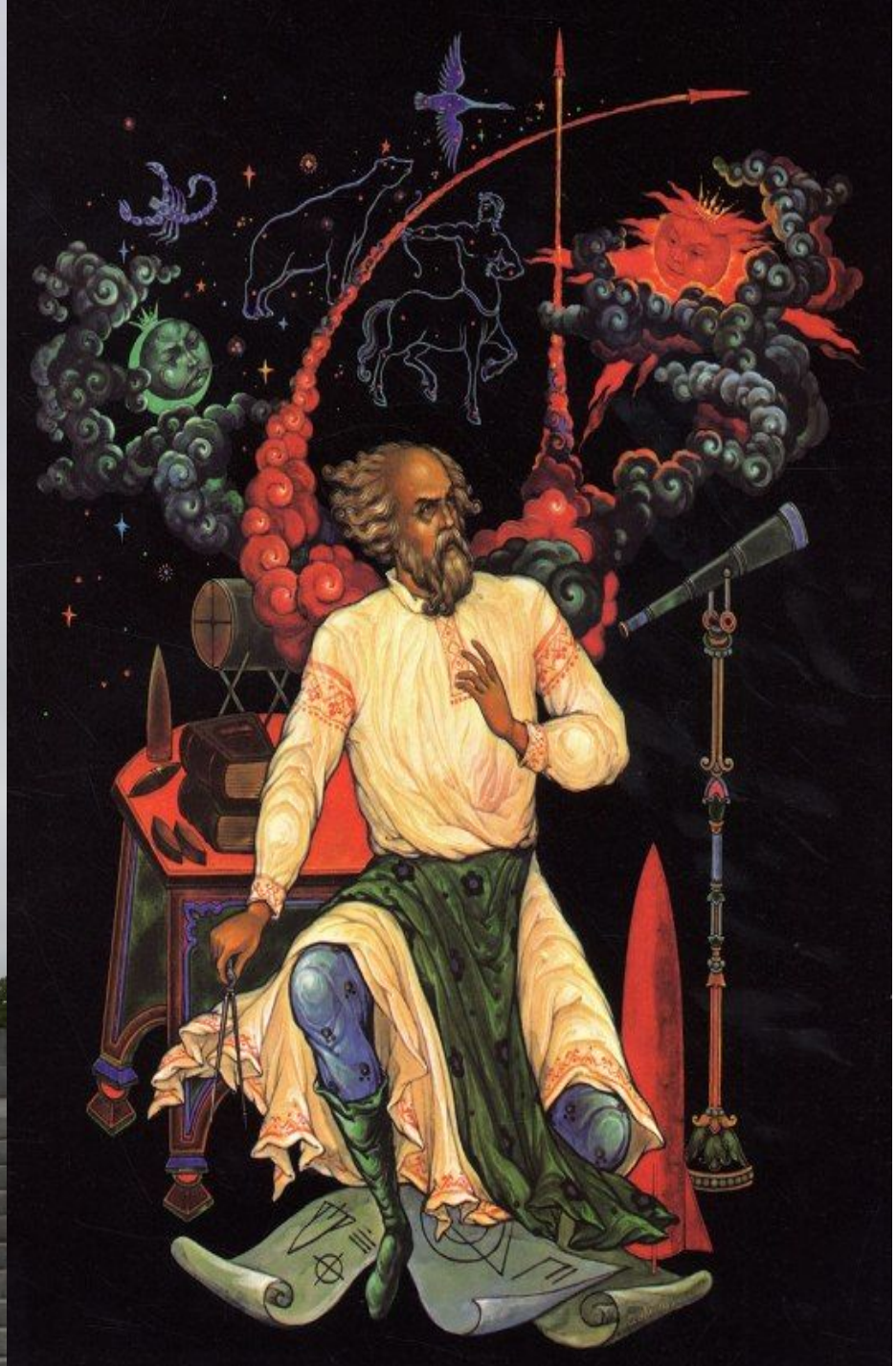
In our time, the spacecraft flight is considered commonplace. And even sometimes it seems strange that a hundred years ago, people could not even dream of such flights. The first who tried to imagine the practical side of space exploration, became a modest teacher from KaluKonstantin Tsiolkovsky.



Konstantin Tsiolkovsky was born on September 17 (September 5 to the old calendar) 1857 in the village of Izhevsk Ryazan province in the family gamekeeper. At the age of ten Kostya ~~scarlet fever and lost his hearing. The boy was not able to go to school and had to deal with on their own.~~

Here's how to recall the years of his youth he learned: "Glimpses of a serious mental consciousness manifested in reading. At the age of 14 I even think to check out the arithmetic, and it seemed to me there all quite clear and understandable. Since that time, I realized that the book - something nemudrenyh and quite accessible to me. I deal with the curiosity and understanding of some of his father's books on natural and mathematical sciences (his father was a teacher for some time these sciences in taksatorskih classes). So I carries an astrolabe, a distance measurement to inaccessible objects withdrawal plans, a certain height. I'm throwing altimeter. With the help of the astrolabe, without leaving the house, I determine the distance to the fire tower. I find 400 yards. I go and check. It turns out - is true. So I believe the theoretical knowledge.





Thank you for
your attention!



Avseterkyzy Erkegul
DK-311gr.