

Transcending Societal Issues for Space Exploration (12)
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INTERNATIONAL COOPERATION IN SPACE EDUCATION

Abstract

At the moment, cosmonautics is undergoing a stage of active development, which is aimed at the global study of the Solar system. Nevertheless, the development of the world's space industry is now much slower than it was at the very beginning of the space era. This is primarily due to the fact that there are no identical approaches to education on an international scale. Accordingly, for the rapid and effective development of cosmonautics in the interests of all mankind, it is necessary to establish high-quality work on training the personnel of the future. Each of the leading countries of the world has its own engineering approaches to the design of any equipment, including space. These approaches differ significantly in different countries, causing inconvenience for workers from other countries. This is due to the fact that each country has its own engineering mentality, which entails different approaches to training in primary and higher education institutions. In addition, each space country has its own advanced products that have no analogues in the world (Russia-engines, the United States-reusable systems, etc.). Thus, by summing up the key features of each of the countries, we can achieve that the space industry will not, in practice, have weaknesses. To standardize international space education, it is necessary to develop methods of working with young people that will allow them to actively interact with each other, regardless of the borders of the state. One of the proposed methods is the international youth space bureau. The purpose of its creation is the interethnic interaction of young people in the space industry for its comprehensive development in the interests of all progressive Mankind. The space bureau itself will solve problems related to the development of space technology for the exploration of the world's outer space. By involving all interested young people in this work, we can ensure an educational exchange between them, thereby improving the competence of each of our bureaus. This approach has its own organizational problems, but in an era of active digitalization, they can and should be addressed by all stakeholders. By launching such a project, we will push the world's space industry a little closer to the borders of the Solar system.