

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
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CREATE NEW AEROSPACE EDUCATION SYSTEM TO CULTIVATE SPACE TALENT

Abstract

With the development of many important aerospace projects, Chinese aerospace industry has become one of the most important members in the world. China is only the third country, after America and Russia, to make a manned dock in space, what's more moon landing and lunar appearance inspection will become true too. Talented person play an important role when we build the big Chinese aerospace dream, that's why we have to try as hard as we can to make a long term personnel training program. Now let's see what happened in Russia during last century, the Russia aerospace construction had been huge influenced by the fall of the soviet union and the depressed state of the economy, the young experts were too less to carry on the career, many problems had appeared in subsequent related models, which brought a bad influence to the Russia aerospace industry. In the last century, Chinese aerospace developed very difficult and subjected to economic conditions and national power, many programs wear in their preliminary exploration stage, and there is a serious lack of experts and designers in almost all aspects. However, Thanks to the ascension of China's comprehensive national strength and the growing joining members of high levels of highly educated personnel, Chinese aerospace industry booming ushered in the spring in the new century. This will combine contemporary social status of the construction and aerospace personnel structure to explore their interests and capabilities are implemented in the form of aerospace education. For comprehension kindergarten and elementary school students stage be coming out focused education of exchange of scientific knowledge with the astronautics aerospace designers, called the focus of research institutes and design units designers to participate in community building, upgrading aerospace affinity and popularity; considering the status of middle and high school students' knowledge and ability to focus on seeking to know the primary test conducted aerospace and aerospace operations and explain the basic principles, focusing on theoretical knowledge and practical speaking test results linked allows students or future aerospace designers deep understanding of spatial knowledge, consolidating the knowledge base; demand for university level and graduate students' career planning and construction of aerospace aerospace design and pre-focused research conducted actual configuration, upgrade university students to participate in the construction of China's space enthusiasm and sense of mission, spacecraft designers to reduce the workload of the foundation, cultivate a large number of future talent aerospace construction.