

International Cooperation for Space Exploration (12)  
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## REFLECTIONS ON THE MODE OF INTERNATIONAL COOPERATION IN SPACE EXPLORATION

### Abstract

In recent years, with the rapid development of economic globalization and the globalization of science and technology, according to the development target in aerospace, many countries have made use of two kinds of resources, domestic and foreign, expanding the aerospace international cooperation modes and domains. Peaceful use of space technology, cooperation in aerospace between different countries and organizations, has become the inevitable trend of development. The first part of this paper will elaborate the necessity of international cooperation in space exploration. Cooperation between different countries all over the world can strengthen technological communion, reduce the cost of space development for participating country, effectively solve the lack of funding or technical problems, thus speed up the development of space exploration of the whole world. The second part will summarize the main practice and experience of the United States, Russia, Europe and other countries and regions in space exploration. The third part will present the progress and achievement of foreign exchange and cooperation in space exploration of China, such as the manned space project, Mars exploration with the cooperation of Russia, the participation in “Mars 500” project etc. The fourth part will summarize the development trend of international cooperation in space exploration. And finally, based on the future development needs of China’s aerospace industry, this paper will propose the mode selection and main measures for promoting international cooperation in space exploration.