

International Cooperation for Space Exploration (12)
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FEASIBLE ANALYSIS AND CONCEPTION OF INTERNATIONAL COOPERATION ON ASTEROID EXPLORATION

Abstract

As a hot and important issue of deep space exploration in the future, asteroid exploration is a complicated and systematic project of multi-science, multi-technology and multi-mission. International cooperation on asteroid exploration is extremely necessary for which it's wide field, long period and high cost. In this paper, domestic and overseas exploration process and development programme on asteroid exploration is studied. International cooperation pattern on aerospace is analyzed, for example, bilateral single mission, multilateral single mission, and ISECG(International Space Exploration Coordination Group), etc. Taking politics, economy, military affairs into consideration, possible cooperation partner is selected. In addition, aerospace organization, international cooperation plan and case are studied in depth about Europe. International cooperation conception is put forward of asteroid exploration, which can be used as a reference for the implement of asteroid exploration project in our country.