

SPACE EXPLORATION SYMPOSIUM (A3)  
Space Exploration Overview (1)

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PROSPECT OF CHINA LUNAR EXPLORATION PROGRAM AND PLANETARY SPACE  
EXPLORATION

**Abstract**

Deep space exploration means exploration of lunar and objects beyond. It is directly related to understanding and awareness of human to earth environment and cosmic evolution, survival and development of human. This article reviews above existing circumstances and future trend not only in the worldwide but also specific the China's Lunar Exploration Program in current progress and achievements. Based on that, combined with China's developing demand and its infrastructure, the author analyzed the difference between the world's leading countries and China and also proposed the directions of technology roadmap and ways of implementation for the future China deep space missions, especially, the planetary missions.