

IAF HUMAN SPACEFLIGHT SYMPOSIUM (B3)
Utilization & Exploitation of Human Spaceflight Systems (3)

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INTERNATIONAL COOPERATION ON THE USE OF THE CHINA SPACE STATION

Abstract

The China Space Station (CSS) is scheduled to be completed and put into operation around 2022. The permanent mission of China to the United Nations and other international organizations in Vienna and the United Nations Office for Outer Space Affairs jointly issued a bulletin on opportunities for international cooperation on the CSS, welcome countries and Institutions from all over the world to cooperate in space science experiments on the CSS.

According to the Announcement of Opportunities for International Cooperation on the Use of the CSS, the CSS is open to all the member countries of the UN, organizations and private entities, providing scientists around the world with the opportunity to conduct space science experiments on the CSS. This is not only a new attempt for China, but also the beginning of a new era of international space cooperation for countries, organizations and individuals all over the world.

In the summer of 2020, the International Space University conducted a team project focused on international cooperation on the CSS. The team was made up of an intercultural, interdisciplinary group from many different countries. The main issues they studied for the space station included; - Potential onboard experimental projects design and operation, - Potential collaboration with the existing the International Space Station, - Innovative space research project design, - Development and design of science outreach activities and other cultural programs, - Define and interpret applicable policy areas such as the definition of intellectual property rights, cultural integration and international space law.

The results of the International Cooperation on the Use of the Chinese Space Station Team Project are presented in the paper.