

THE STRATEGIC FORUM ON SPACE SCIENCE

POST-PANDEMIC COOPERATION IN SPACE SCIENCE

Taiyuan Recommendations

On 25 August 2022, the *Strategic Forum on Space Science—Post-pandemic Cooperation in Space Science* was held in Taiyuan, China. The hybrid forum, jointly organized by the Chinese Society of Space Research (CSSR), the National Space Science Center (NSSC) of Chinese Academy of Sciences (CAS) and the Committee on Space Research (COSPAR), invites prestigious scientists and management specialists from major spacefaring countries and international organizations.

The in-depth discussion revolves around the following topics in the post-pandemic era, such as the challenges of conducting international cooperation, different mechanisms of international cooperation, the role of space agencies and international organizations, and the opportunities and prospects for international cooperation in the new circumstances.

It is generally agreed that although the outbreak of the Covid-19 pandemic has brought about substantial difficulties to implement international cooperation projects in space science, it is more than necessary to continue establishing corresponding strategic cooperation mechanisms. The forum unanimously believes that although the Covid-19 has caused difficulties, the space science community deems that international cooperation should be continued by strengthening strategic cooperation mechanisms. The forum makes the following recommendations.

1. To understand the law of the universe is the common pursuit for scientists across the globe. It is also a common need for us to have more launch opportunities and more open data policies. Therefore, we need to make our utmost effort to overcome the current difficulties and actively further promote cooperation in space science.
2. When new development policies are formed, space agencies should consider opening more cooperation opportunities to other international partners. For international organizations, it is necessary to make full use of their resources as a platform to provide support to international cooperation.
3. For space scientists all over the world, they are in a right position to support the space agencies in achieving even better coordination mechanisms at different levels, from mission proposals, scientific payload development, to data sharing. They should be further encouraged to participate in all kinds of scientific meetings both online and onsite in order to exchange their new progress and new discoveries.
4. For agencies and scientific communities of spacefaring countries, it is necessary to spend more efforts in public outreach and capacity building activities to help scientists, in particular the younger generation, and institutions from emerging space countries to expand the international space science community.