

Agreement
for Joint Research in Solar-Terrestrial Physics
between
National Space Science Center (NSSC) of Chinese Academy of Sciences,
and
Institute of Solar-Terrestrial Physics of Siberian Branch of
Russian Academy of Sciences (ISTP SB RAS)

Within the framework of the Agreement for Scientific Cooperation between the Chinese Academy of Sciences (CAS) and the Siberian Branch of the Russian Academy of Sciences (SB RAS) signed on October 13, 1999, Professor, Corresponding Member of RAS Aleksandr P. Potekhin, Director of ISTP SB RAS, and Professor Alexandr S. Potapov, Deputy Director, visited NSSC CAS from April 25 to 28, 2012. They were received by Director of NSSC CAS Professor Ji Wu and Deputy Director Professor Chi Wang. On the Chinese side, Dr. Yang Guotao, Senior Researcher, and other researchers also took part in the discussions and talks.

The parties noted the great success in the cooperation in the field of solar-terrestrial physics and space weather achieved by the two institutions since signing the previous bilateral agreement on November 2, 2000. The Joint Research Center on Space Weather established that year has demonstrated its high effectiveness. During its lifetime, more than 40 different scientific projects have been implemented, over 200 joint scientific works and two collective monographs have been published. Research results were reported at 10 Russian-Chinese conferences and other scientific forums.

Touching upon future prospects of the collaboration, the parties agreed that they are associated, in particular, with the expansion of multilateral international cooperation and the involvement of other similar Russian and Chinese institutions with joint research in solar-terrestrial physics. Of particular importance is also participation of the parties in international projects, especially those dealing with East Asia. A bright example therein is the International Space Weather Meridian Circle Program (IMCP). The readiness of the parties for cooperation under the Program is reflected in the Letter of Intend signed in Beijing on November 1, 2010 and in the Multilateral Agreement signed in Sanya at the First IMCP Workshop in February 2011.

The talks resulted in a decision to continue and develop the scientific cooperation between the parties in scientific and applied research into solar-terrestrial relations and space weather. For this purpose, both parties renewed the Charter of the Joint Research Center on Space Weather, extending it for the next five years; and, taking into account Academician Geliy A. Zherebtsov's proposal, appointed Director of ISTP SB RAS Corresponding Member of RAS Aleksandr P. Potekhin and Director of NSSC CAS

Professor Ji WU as Co-Directors of the Joint Research Center on Space Weather. The parties also formulated the scientific objectives for the next period of the collaboration:

- to analyze potentially geoeffective processes on the Sun and investigate propagation and evolution of solar disturbances through the solar corona and interplanetary space;
- to study dynamic processes of various spatial and temporal scales associated with storms and substorms in near-Earth space;
- to examine propagation of disturbances from upper to middle and low latitudes of the Earth's ionosphere and atmosphere;
- to understand the coupling and feedbacks between geospace and the atmosphere in a global context;
- to study the global space weather system and its response to external impacts;
- to develop techniques for diagnostics of geospace and space weather forecasting methods.

The parties also agreed to promote the exchange of research workers, especially, young scientists.

This Agreement may be changed or terminated early under the provisions of the above Agreement between the two academies in the absence of objections from either party.

Signatures:

On the Chinese side:
Director of NSSC CAS,
Professor Ji Wu



Date: April 26, 2012

On the Russian side:
Director of ISTP SB RAS,
Professor Aleksandr P. Potekhin



Date: April 26, 2012