

Space Weather Statement

Madam/Mr. Chair,

It is an honor and privilege for me to have the opportunity to present the activities of I.R. Iran in the field of space weather.

Iran, as a new space-faring country with a long and historical background in astronomy, has recently showed a great interest in space weather and its impacts on both space- and ground-based infrastructures.

A considerable number of specialists are now being educated in different space weather disciplines in eight Iranian universities and a variety of research project are being conducted in the relevant fields.

Iranian Space Agency (ISA) organized the first expert meeting about space weather in 2019 in cooperation with Iranian Space Research Center (ISRC). That meeting gathered tens of experts and researchers, and let to share their knowledge and ideas in a wide range of disciplines from solar physics to space system design and manufacturing. In 2020, several webinars were held about space weather and the growing international concerns about its impacts on the different domains of human life by different academic entities and research groups in collaboration with ISA and ISRC.

ISA has the plan of establishing a research center for harmonizing and strength the research activities on space weather in Iran in a close future. This center will be responsible for strategic planning and coordination of nationwide activities.

Besides, this center will help to establish a data sharing platform for the data and information recorders resulted from the available instruments and ground assets, which originally used for other purposes but they can also be used for space weather studies, such as radio-telescope, radiosondes, spectrometers, ionosphere sounder, GNSS receivers, etc.

Iran also aims to collaborate with Asia Pacific Space Cooperation Organization (APSCO) in order to increase the interests and facilitate the activities among the Member States of APSCO in the domain of space weather.

Madam/Mr. Chair, distinguished delegates,

Iran as a country with a complete cycle of space program for peaceful activities, has noticed the importance of space weather and the corresponding threats for space and ground infrastructures. Iran confirms the necessity of progress in international cooperation in order to develop technical capacities, transfer scientific knowledge and increase awareness. Therefore, I.R. Iran is willing to express its full commitment to cooperate with space weather expert group and support the activities in this domain.