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## Dear ISWI Newsletter Subscriber:

Please be reminded that this newsletter has two versions:

[1] Email version -- this gets distributed via email
directly to you but does not have the attachments.
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To view the Web version, go to this web page:
https://iswi-secretariat.org/
and click on "NEWSLETTERS".

If you have space-weather-related news or announcements,
please send them to me and I will distribute your
material through the ISWI NEWSLETTER.

Cordially,
George Maeda
Editor of the "ISWI Newsletter", since 2009.

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[01]----------

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United Nations/Republic of Korea Workshop on the
International Space Weather Initiative (ISWI):

***AI-Enabled Space Weather for Global Cooperation and Capacity Building***
**7–11 September 2026, Seoul, Republic of Korea**

FROM: Dr. Kyung-Suk Cho (KASI), National Coordinator for Republic of Korea

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The United Nations Office for Outer Space Affairs (UNOOSA) and the Korea Space Weather Center (KSWC) of the Korea AeroSpace Administration (KASA), with the support of the International Committee on GNSS (ICG), the Korea Astronomy and Space Science Institute (KASI), the Korean Space Science Society (KSSS), the Korean Institute of Electromagnetic Engineering and Science (KIEES), Kyung Hee University (KHU), the Korea Advanced Institute of Science and Technology (KAIST), Chungbuk National University (CBNU), Chungnam National University (CNU), the Seoul Tourism Organization (STO), and the Committee on Space Research (COSPAR), are organizing:

"The United Nations/Republic of Korea Workshop on the International Space Weather Initiative (ISWI): AI-Enabled Space Weather for Global Cooperation and Capacity Building," to be held in Seoul, Republic of Korea, from 7 to 11 September 2026.

The workshop will bring together researchers, operational experts, educators, and policymakers to highlight the growing role of artificial intelligence (AI) in advancing space weather science and services, including observation, modelling, forecasting, and operational applications. Particular emphasis will be placed on AI-enabled space weather for global cooperation and capacity building.

The main objectives of the workshop are to:

- continue efforts to deploy and utilize space weather instruments, particularly in developing countries;
- advance the interpretation and scientific use of space weather data;
- share new research results, operational experiences, and emerging AI-based methodologies; and
- strengthen international coordination and collaboration on space weather products, services, and education.

The programme will include invited presentations, technical discussions, networking opportunities, and interactive sessions designed to encourage regional collaboration and in-depth exchange among participants from diverse backgrounds and countries.

UNOOSA and KASA are pleased to announce that the online application

for the workshop is now open at:
https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2026/united-nations-republic-of-korea-workshop-on-the-ISWI-2026.html

Further information is available in the **Information Note:**
https://www.unoosa.org/documents/pdf/psa/activities/2026/ISWI2026/InfoNote_ISWI_2026.pdf

**Direct link to the online application (Application deadline: 5 June 2026):**
https://forms.cloud.microsoft/pages/responsepage.aspx?id=2zWeD09UYE-9zF6kFubccAiOPlMdD9xBh9lcdTTfu19UMzRFVDE0MFNSSThVMENXVTE5RUVXSkpaNC4u&route=shorturl

END OF THIS ANNOUNCEMENT.

[02]----------

[Announcement] First joint ISWI-SCOSTEP/COURSE online seminar !

14 May 2026

Dear colleagues,

We are pleased to announce the first joint ISWI - SCOSTEP/COURSE online seminar of 2026 by Prof. Dibyendu Chakrabarty, scheduled for May 27th, 2026, at 14:00 UTC.

To attend the Webinar, please register here :
https://iswi-secretariat.org/home-page/meetings/iswi-webinars/iswi-webinar-registration/

The MS Teams link will be sent to registered participants 2 days before the event.

For your reference, past ISWI Webinars can be found here
(https://cdaw.gsfc.nasa.gov/webinars/ISWI/ )
and SCOSTEP seminars can be found here
(https://cicr.isee.nagoya-u.ac.jp/site1/info_e/scostep_seminar.html ).

With kind regards,
on behalf of the ISWI - SCOSTEP/COURSE online seminars Committee
-- Geetashree Kakoti (on behalf SCOSTEP/COURSE online seminar)
-- Graciela Molina (on behalf of the ISWI Webinar committee)

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Title: *Insights on solar wind and energetic particles based on Aditya-L1 measurements*
Speaker: Prof. Dibyendu Chakrabarty
Space and Atmospheric Sciences Division of Physical Research Laboratory (PRL), India

## Abstract:

Aditya-L1 is the first dedicated solar observatory launched by India in 2023. The instruments in this mission are designed to probe the Sun in visible, infrared, near ultra-violet, soft and hard X-rays as well as equipped

to measure the solar wind, energetic particles and interplanetary magnetic field. There are four remote sensing and three in situ experiments on board Aditya-L1. Aditya Solar wind Particle EXperiment (ASPEX) in one of the three in-situ experiments that measures solar wind and also energetic particles in direction-resolved manner. ASPEX consists of two spectrometers - Solar wind Ion Spectrometer (SWIS) and SupraThermal and Energetic Particle Spectrometer (STEPS). While SWIS measures the solar wind and the suprathermal ions, STEPS measures the energetic particles.

The data from ASPEX have been extensively validated with the measurements from other international missions and at present, the solar wind and energetic particle fluxes as well as solar wind bulk parameters (like density, velocity, temperature etc.) are being regularly posted in near real time (latency of 2-3 days) to the Indian Space Science Data Centre (ISSDC) website for the use of the scientific community. In this talk, some of the recent science results pertaining to solar wind and energetic particles will be discussed to underline the quality of the data that ASPEX has been producing. Therefore, this is not surprising that scientific community is getting increasingly interested in ASPEX data to understand the impact of space weather on the terrestrial magnetosphere-ionosphere-thermosphere system. Some of these results will be discussed in this seminar.

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Dra. María Graciela Molina
Prof. Asociada FACET-UNT / Associate Professor FACET -UNT
Inv. Adjunta CONICET / Researcher CONICET
Investigadora Asociada INGV/ Associated researcher INGV
President of ALAGE (https://alage.org/ )
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********** End of this issue of the ISWI Newsletter **********