



Dear Colleagues,

Season's Greetings!

It is almost the end of the year 2025! I hope you had a productive year in advancing space weather activities.

I am sure you all had a chance to read about the 3rd Interstellar comet (3I/ATLAS) that was first observed during the summer (July 1, 2025) by the ATLAS survey telescope in Rio Hurtado, Chile. 3I/ATLAS is expected pass Earth at the end of next week (December 19, 2025). ATLAS is part of NASA's planetary defense network that continually watches the skies to look for dangerous objects approaching Earth. While the Voyagers are venturing into interstellar space, the solar system got to receive the visitor from the surroundings of another star.

The proceedings book of the UN/Germany workshop on ISWI held in Neustrelitz, Germany last year has been published as ***Springer Proceedings in Physics vol. 431***, ISBN: 9789819511211, 9789819511204, 9789819511211. This open access book consists of 33 refereed articles in 300+ pages on Solar Physics; Solar Effects; Sun-Earth Connection; Space Weather Instrumentation; Global navigation satellite systems; Magnetosphere-Ionosphere-Thermosphere Coupling; Space weather programs. The publication was sponsored by NASA's Living with a Star program. You can have your own copy of the entire book at <https://link.springer.com/book/10.1007/978-981-95-1121-1> for free.

The 2026 ISWI-SCOSTEP School on Space Weather is being organized by the Indian Institute of Geomagnetism, Mumbai, India during January 5-9, 2026. The lectures cover all aspects of space weather science from solar interior to Earth's surface. International experts will give lectures in the morning and conduct hands-on activities in the afternoons. About 80 participants (domestic and international combined) are expected to attend the school. In addition to ISWI and SCOSTEP, the school is co-sponsored by the Indian Institute of Geomagnetism, Indian Space Research Organization, Boston College, Japan's Core-to-Core program, and the Science and Engineering Research Board (SERB) in India. Details can be found in the workshop web site: <https://iigm.res.in/iswi/>.

The ISWI webinars continue to attract the community. Five excellent webinars were presented so far in 2025, bringing the total to 26. The recordings of the webinars are hosted by NASA/GSFC's CDAW Data Center. Please feel free to download them and spread them to the community: <https://cdaw.gsfc.nasa.gov/webinars/ISWI/>.

We had a very successful UN/Nigeria ISWI Workshop during 6 - 10 October 2025 at the Obasanjo Space Centre in Abuja, Nigeria. Details of the workshop can be found in: <https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2025/united-nations-nigeria-workshop-on-the-international-space-weather-initiative-2025.html>. This workshop was

jointly organized by the United Nations Office for Outer Space Affairs (UNOOSA) and the National Space Research and Development Agency (NASRDA) of Nigeria. The workshop was supported by the International Committee on GNSS (ICG). The final United Nations report on this workshop is available in the above web site. A copy is also published in the current ISWI Newsletter.

We are excited that the next UN/ISWI workshop will be held in South Korea (2026). We expect to have more details soon.

I have been talking to many early career/mid-career members of the ISWI community regarding IHY+25, which will be in 2032. People have been very receptive to the idea and are willing to make use of the opportunity to promote space weather science in the AI/ML era. I have formed a committee of about a dozen people to explore ways to celebrate the 25th anniversary of IHY. This committee will come up with a plan that will enable the global space weather community to participate in IHY+25 in a meaningful way.

The Data Subcommittee has been working on developing a web form for capturing the publication records of ISWI, conference presentations, and other reports. The goal is to establish a central location (e.g., ISWI website). More details on this activity will be made available soon.

The next ISWI Steering Committee meeting will be held during February 4&5, 2026. This meeting provides an excellent opportunity for the national coordinators to advertise their space weather activities such as instrument hosting, national meetings, and research highlights. To ensure everyone gets sufficient time to present their activities, the duration has been extended for two days. The meeting agenda is provided in the annexure. Please feel free to suggest modifications.

Warm regards,

Nat Gopalswamy

2025 December 13.

Steering Committee

S Abe C Amory-Mazaudier D Banys S Gadimova K Georgjeva J A Gonzalez Esparza N Gopalswamy K Groves M Guhathakurta M Ishii I Mann R Marshall C Monstein B Rabiou J-P Raulin S Ueno C Wang



Comet 12P/Pons-Brooks
Photo credit: Dan Bartlett

Secretariat

Nat Gopalswamy *Executive Director*
George Maeda *Newsletter Editor*
Kathleen Kraemer *Webmaster*
Sharafat Gadimova *UN Liaison*
Keith Groves *Workshop Coordinator*
Shing Fung *Data Coordinator*
M. Graciela Molina *Webinar Coordinator*

Annexure I

ISWI Steering Committee Meeting: Tentative Agenda

February 4-5, 2026 10 am to 6 pm

Vienna International Center

Vienna, Austria

1. Introduction & Report (Nat Gopalswamy, Chair)
2. Secretariat Update (Nat Gopalswamy, Kathleen Kraemer, George Maeda, Graciela Molina)
3. Steering Committee Update (Nat Gopalswamy)
4. SCOSTEP/PRESTO/COURSE (Kazuo Shiokawa)
5. UN/Nigeria ISWI Workshop report (Babatunde Rabiou)
6. ISWI/India School report (S. Tulasiram)
7. ISWI/NOAA Report (Jim Spann)

8. COSPAR Space Weather Roadmap and ISWAT activities (Mario Bisi)
9. UNOOSA Report (Sharafat Gadimova)
10. Reports from ISWI Regional & National Coordinators (lead: Christine Amory)
11. ISWI Instruments Update (Shing Fung and Instrument PIs); Data subcommittee report
12. AI/ML activities for Space Weather (M. Guhathakurta)
13. Discussion on IHY+25
14. Any other business