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* ISWI Newsletter - Vol. 17 No. 009 15 Sept 2025 *
* Editor: George Maeda, georgemaeda3[at]gmail.com
* Archive of back issues: ISWI Website https://iswi-secretariat.org/
* Send subscription request to: iswisupport@bc.edu
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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.
[2] Web version -- this is the full version with attachments.

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]----------

FROM: Convener ISWI-SCOSTEP International School 2026
DATE: 2 Sept 2025

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Dear Space Weather researchers,

We are pleased to announce the ISWI-SCOSTEP International School on Space Weather,
to be held from 5–9 January 2026 at the Indian Institute of Geomagnetism (IIG), Mumbai, India.

International schools on Space Weather are one of the important event categories that ISWI regularly organizes jointly with other research or academic institutions in different parts of the globe. The previous schools on the space weather were held in Nepal and Zambia in 2024 and 2023, respectively.

The complete list of ISWI events (meetings/workshops/schools) is available at
https://iswi-secretariat.org/home-page/meetings/iswi-events/ .

About ISSW 2026:

This International School on Space Weather will be organized in collaboration with ISWI and SCOSTEP at IIG, in Mumbai, India. IIG is an autonomous research organization under the Department of Science and Technology, Government of India, is internationally recognized for its cutting-edge research in geomagnetism, solar-terrestrial interactions, space weather, and related fields. The primary objective of the School is to inspire and engage Master's and Ph.D. students from around the world in the exciting research domains of solar-terrestrial physics and space weather. The school will feature a series of expert-led scientific lectures on recent advances and contemporary challenges within the field.

The broad topics covered will be Sun, Dynamo and Active Regions, Solar Transient and Recurrent events, Interplanetary structures, Solar Wind Structures and Magnetospheric Interactions, Magnetospheric Current Systems, Storms and Substorms, Magnetosphere – Ionosphere - Thermosphere coupling and Space Weather impacts. In addition, hands-on data analysis workshops will provide participants with practical experience utilizing real datasets pertinent to space weather studies.

Sponsors:

This academic event is sponsored by the International Space Weather Initiative (ISWI)—a global cooperative program dedicated to enhancing our understanding of space weather through scientific research, the development of observational instruments and methodologies, and capacity-building efforts. The school is co-sponsored by SCOSTEP — whose capacity building initiatives and thematic focus aligns well with the topics covered in the school, also directly resonating with the four scientific pillars of SCOSTEP's ongoing PRESTO program.

Further, Indian Space Research Organization (ISRO), the national space agency, who is the front runner in establishing the space research programs and the organizing host, IIG, is also funding this event to support the travel and local hospitality of participants and resource personnel, besides all the logistical and technical infrastructure.

Venue:

This International School on Space Weather will be organized in at the Indian Institute of Geomagnetism (IIG), Mumbai, India. The Indian Institute of Geomagnetism (IIG) has a rich legacy of nearly 180 years in the observations and applied research in Geomagnetism towards unravelling the processes that operate and specialize in the Earth's near-space environment and the interior of the Earth. IIG is located in the city of Mumbai, which is beautifully carved between the Arabian Sea on the west and the green Sahyadri mountain range on the east and is a major tourist destination attracting many of visitors every year.

Mumbai is rich in traditions and has many historical and cultural landmarks, viz., the Gateway of India, Elephenta Caves, etc. Mumbai is also surrounded by tourist destinations like Alibaug, Lonavala & Khandala, Silvassa, Mahabaleshwar etc. IIG takes pride in hosting this International School on Space Weather and is excited to host the aspiring Space Weather Researchers in the coming winter in India.

See: ISSW2026_Flyer.pdf
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Warm Regards,
Dr. Remya Bhanu
On behalf of the LOC, ISSW-2026

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

[Announcement ISWI Seminar]
Challenges in understanding
the evolution of CMEs from corona to heliosphere

FROM: Maria Graciela Molina
Date: 9 Sept 2025
TO: ISWI members

Dear ISWI colleagues,

We are pleased to announce the next ISWI Webinar by
Dr. Mateja Dumbovic scheduled for September 24th, 2025
at 3 PM Central European Time (9 AM EDT; 7:30 PM IST).
To attend the next 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.
To watch past Webinars, please check the following link:
https://cdaw.gsfc.nasa.gov/webinars/ISWI/

With kind regards,
Graciela Molina
on behalf of the ISWI Seminar Committee
https://iswi-secretariat.org/home-page/organization/iswi-webinar-committee/

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Title: **Challenges in understanding the evolution of**
. **CMEs from corona to heliosphere**
Speaker: **Dr. Mateja Dumbovic**
. Hvar Observatory, Faculty of Geodesy,
. University of Zagreb, Croatia

Abstract:

CMEs are magnetic plasma structures with twisted field lines which evolve in interplanetary space. They interact with the solar wind and the heliospheric magnetic field, which influence their propagation, expansion and internal magnetic structure. These in turn determine the interactions of CMEs with other heliospheric structures, galactic cosmic rays and planetary magnetospheres. While we understand these processes on a global scale, we still lack a detailed qualitative and quantitative understanding of CME evolution in particular. Our limitations are influenced by uncertainties in the measurements as well as uncertainties in the attribution of remote to in situ events and in the comparison of observations with models. These challenges will be discussed in the light of recent observational and modelling studies.

Dra. María Graciela Molina
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Inv. Adjunta CONICET / Researcher CONICET
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**********[End of this issue of the ISWI Newsletter]**********

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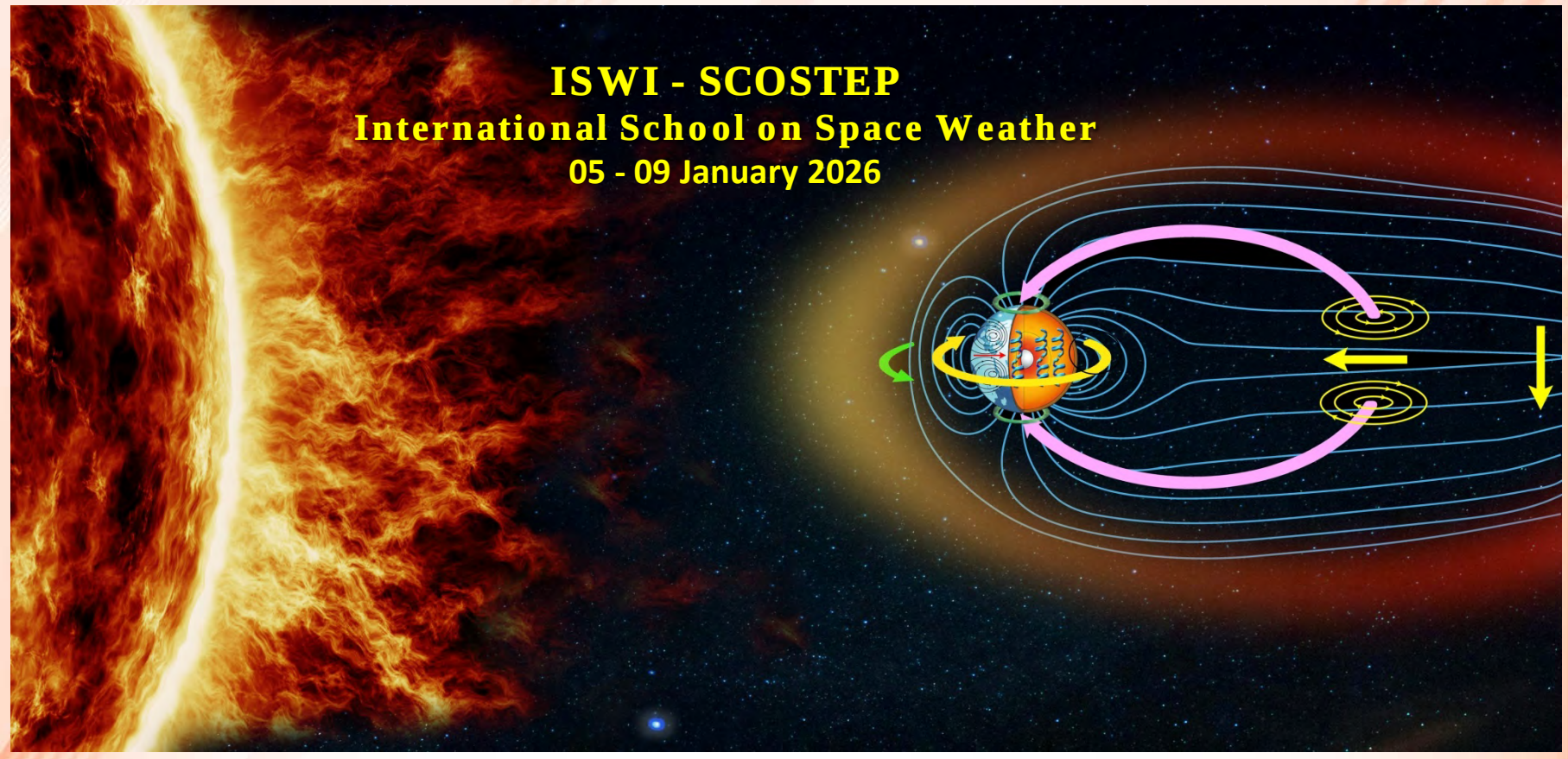

Organised by : Indian Institute of Geomagnetism, Navi Mumbai, India.
(An Autonomous Institute under Dept. of Science & Technology, Govt. of India)

The International Space Weather Initiative (ISWI) is an international cooperation program dedicated to advancing our understanding of space weather through scientific research, the development of essential instruments, novel methodologies, analysis techniques, and capacity building. The Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) is a thematic body of the International Science Council (ISC) and is engaged in science, capacity building, and public outreach to enhance our comprehension of the solar-terrestrial relationship through space- and ground-based observations, cutting-edge models and theories, often in cooperation with other scientific organizations and unions.

An International School on Space Weather will be organized in joint collaboration with ISWI and SCOSTEP at the Indian Institute of Geomagnetism (IIG), Navi Mumbai, India, from January 5 to 9, 2026. The primary objective of the School is to inspire and engage Master's and Ph.D. students from around the world in the exciting research domains of solar-terrestrial physics and space weather. The school will feature a series of expert-led scientific lectures on recent advances and contemporary challenges within the field. In addition, hands-on data analysis workshops will provide participants with practical experience utilizing real datasets pertinent to space weather studies.

Participation and How to apply:

Applications are invited from interested masters and Ph.D. students to participate in the School. A few highly motivated early career researchers may also be considered for this program. Students should include a letter of recommendation from research supervisor/head of the department. Meritorious students from developing countries will be considered for preferential travel support to attend this School. Total number of participants will be limited to 50.

Applicants are required to submit applications through online at: https://iigm.res.in/sites/default/files/ISWI/index.html. The last date for the receipt of the applications is 31 July 2025. Any queries can be forwarded to issw2026@iigm.res.in.

ISWI-SCOSTEP School on Space Weather

Theme: Solar Wind – Magnetosphere Coupling, and Magnetospheric and Ionospheric current systems

Venue:
Indian Institute of Geomagnetism, Mumbai
05-09 January 2026

Course Coordinators:
Dr. Nat Gopalswamy, NASA-GSFC, USA.
Prof. Kazuo Shiokawa, ISEE, Nagoya University, Japan.
Prof. S. Gurubaran, Indian Institute of Geomagnetism, India.
Prof. S. Tulasiram, Indian Institute of Geomagnetism, India.
Conveners:
Prof. S. Tulasiram and Dr. Remya Bhanu
Contact: issw2026@iigm.res.in

Important Dates

Application Opens: 01 June, 2025

Last date of application: 31 July, 2025

Intimation to participants: 15 August, 2025

Confirmation by participants: 22 August, 2025

ISWI-SCOSTEP School : 05-09 January 2026