

COSPAR ISWAT 2022 Working Meeting Announcement

September 26 – 30, 2022, Coimbra, Portugal

The 3rd Working Meeting of the COSPAR International Space Weather Action Teams (ISWAT, <https://iswat-cospar.org/>) will be held 26 -30 September 2022 at the University of Coimbra, Portugal.

The working meeting will bring together the ISWAT community to finalize preparation of the community-driven Space Weather Roadmap, to review status of on-going ISWAT projects and to plan new actions and collaborations based on our Roadmap guidelines. More information about ISWAT initiative and community-driven Space Weather Roadmap preparation efforts can be found at the end of this announcement.

The 26 – 30 September ISWAT working meeting will:

- Discuss Roadmap review papers (Tier 2) in-preparation for submission to *Advances in Space Research* Roadmap Special Issue 2: Achievements and Future Goals (ASR-SI-2) with focus on summary of the current state, recommendations and opportunities to move forward. Set targets for Action Teams to address.
- Agree on further steps in Roadmap preparation. Discuss approach to linking through papers from Tier 1 (submitted to *Advances in Space Research* Roadmap Special Issue 1: Research and Applications) to the top-level papers.
- Go beyond the Roadmap, establish new teams, plan new actions and collaborations to address new targets and priorities.
- Expand on-going community-wide research projects and jump-start new campaigns;
- Review approaches to source-to-impact pathways and advance predictions.
- Discuss approaches to global coordination in space weather and interfacing with user groups.

To register go to: https://www.iswat-cospar.org/wm2022_registration
200 EUR (early fee, before 15th August 2022)

Parallel sessions are organized by Team Leads and Cluster Moderators. Some clusters may choose to plan parallel sessions focused on finalizing Roadmap paper preparation. Other parallel sessions will go beyond the Roadmap and will focus on new activities. ISWAT Working Meeting is an ideal time to establish new teams and collaborations, and to initiate new projects.

Plenary Sessions will include scene setting presentations by authors of Roadmap ASR-SI-2 papers, discussions, and progress reports and action plans from Parallel Sessions.

ISWAT is a community-driven initiative. Success of ISWAT working meetings and the ISWAT initiative depends on active involvement of team leads, cluster moderators, and participants in meeting preparation and all follow-on activities.

Everyone is welcome to join ISWAT, to attend the meeting - and to come to the meeting with a view to joining one or more registered Teams (if you haven't already done so), or to establish a new team.

More information on ISWAT initiative and Community-Driven Space Weather Roadmap preparation efforts

Information about the ISWAT initiative is available at: <https://iswat-cospar.org>. The building blocks of the ISWAT initiative are Action Teams focused on a variety of key problems and topics in space weather research and forecasting. Action Teams are organized into ISWAT Clusters by domains, phenomena, or overarching activity and can be grouped into source-to-impact Pathways.

Go to "**Join ISWAT**" tab at the ISWAT website <https://iswat-cospar.org> to register a new Team and/or to join existing Teams,

During the past 2.5 years, since the ISWAT Inaugural Working Meeting in February 2020, ISWAT activities have focused on the preparation of the community-driven Space Weather Roadmap (https://www.iswat-cospar.org/roadmap_update-pathway). The outcome of these efforts will be encapsulated in two Special Issues of *Advances in Space Research*: ASR Special Issue 1: Research and Applications (*ASR-SI-1*); and ASR Special Issue 2: Achievements and Future Goals (*ASR-SI-2*). Everyone is invited to participate in this peer-reviewed endeavor by submitting papers to both Roadmap Special Issues.

The ISWAT initiative has formed the backbone for the Roadmap with a set of science papers focused on outcomes of Action teams work submitted to *ASR-SI-1* and a set of review papers mirroring the ISWAT Cluster structure in preparation for submission to *ASR-SI-2*.

To facilitate coordination between review paper authors and encourage community inputs, we introduced transparency in the writing process. Each paper intended for submission to ASR-SI-2 has a block on the ASR-SI-2 Preparation Page (https://iswat-cospar.org/roadmap_preparation_si2) with a Tentative Title, Working Abstract, First Author and Point of Contact, Co-authors, and links to the Paper Outline and References. We anticipate that links to Summary sections, that include recommendations on reaching long-term goals and opportunities for moving forward within the next 5 year, will be made available two weeks before the meeting.