



ISWI Steering Committee Meeting: Annotated Agenda

2022 February 11

Online Meeting

VIC, Vienna, Austria

Chair: Nat Gopalswamy

Agenda

- 1. Introduction & Report (Chair)
- 2. Secretariat Update (Pat Doherty, Katya Georgieva, Mitko Danov, George Maeda)
- 3. Formation of webinar committee
- 4. Organizational Reports: SCOSTEP/PRESTO (Kazuo Shiokawa), COSPAR PSW (M. Kuznetsova), AOSWA (M. Ishii)
- 5. ISWI National Coordinators update (Christine Amory)
- 6. ISWI Instruments Update (Shing Fung and Instrument PIs)
- 7. ISWI/Iberia School 2021 report (Teresa Barata)
- 8. ISWI/India Workshop Report (Tarun Pant)
- 9. Data Subcommittee Report (Shing Fung)
- 10. ISWI/NASA Report (Jim Spann)
- 11. ISWI – UNOOSA Collaboration (Sharafat Gadimova)
- 12. Expert Committee on Space Weather – Report (Ian Mann)
- 13. Steering committee member presentations (M. Guhathakurta)
- 14. National coordinator presentations (M G Molina, C. Cid, M. Temmer, D. Besliu-Ionescu, I. Dorotovic, ...)
- 15. Any other business

#1 Introduction & Report (chair)

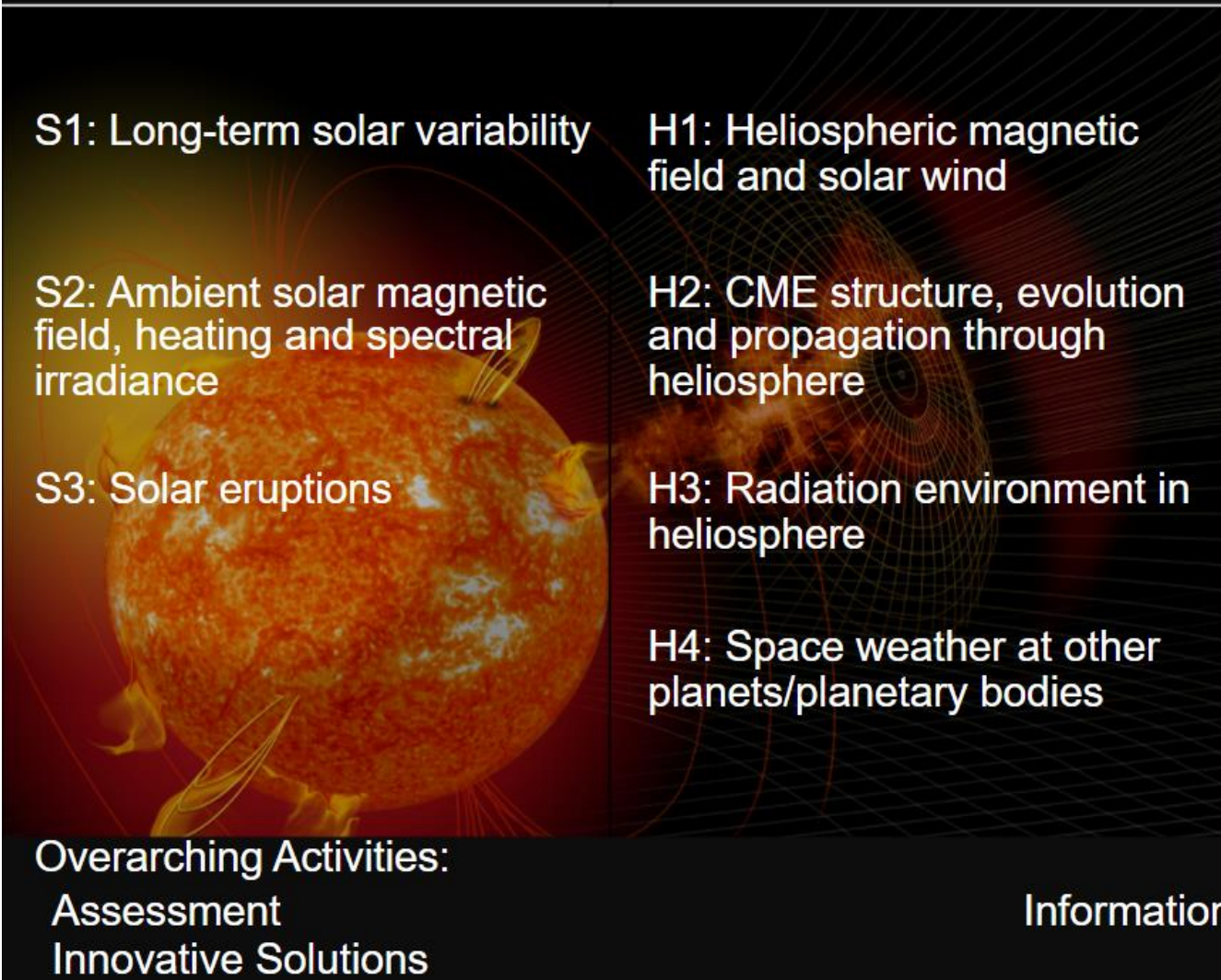
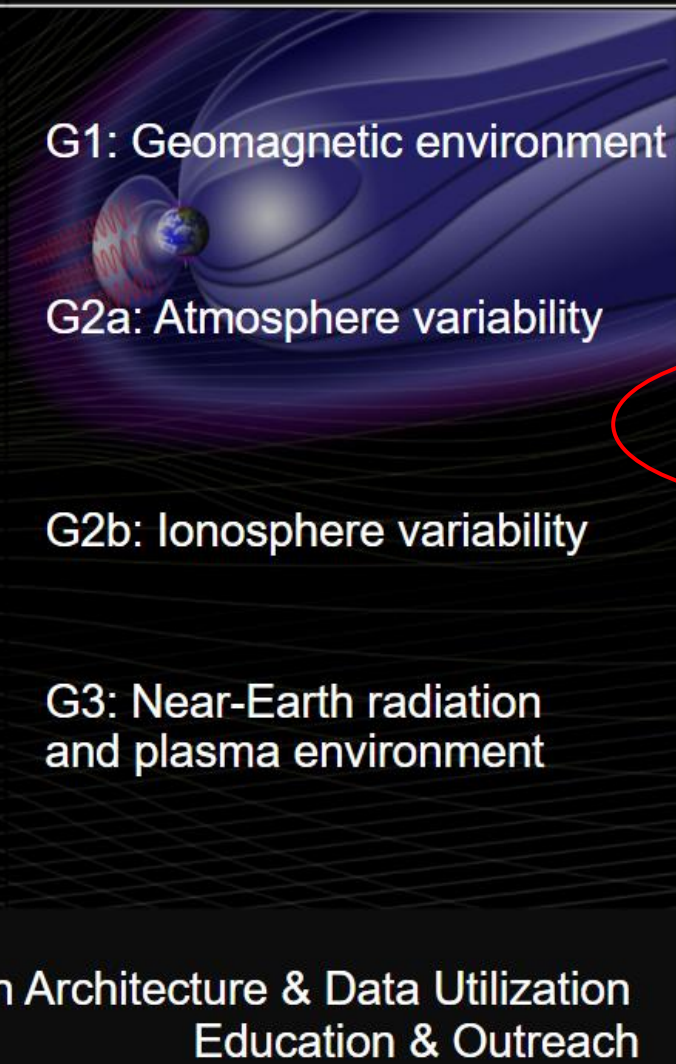
- SpaceX loss of 40 Starlink satellites: \$20 M space weather is real!
- NOAA SWx educational video (Elsayed)
- UNCOPUOS SWx Expert committee concludes its work (Ian Mann)



The screenshot shows the NOAA Space Weather Prediction Center website. The header includes the NOAA logo, the text "SPACE WEATHER PREDICTION CENTER NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION", and the date "Friday, February 11, 2022 01:25:41 UTC". A navigation menu contains links for HOME, ABOUT SPACE WEATHER, PRODUCTS AND DATA, DASHBOARDS, MEDIA AND RESOURCES, SUBSCRIBE, ANNUAL MEETING, and FEEDBACK. Below the menu is a search bar and a section for "CURRENT SPACE WEATHER CONDITIONS on NOAA Scales" with three status indicators (R, S, G). The main content area is titled "SPACE WEATHER EDUCATIONAL VIDEO" and features a large image of the Sun on the left and Earth's magnetic field lines on the right. Below the image, the video title "SPACE WEATHER EDUCATIONAL VIDEO" is displayed, along with the publication date "published: Thursday, December 09, 2021 17:01 UTC" and a short description: "Just like we experience weather on Earth, there's weather in space! The Sun may look very constant and quiet from Earth, but it's constantly spewing out a stream of particles called the solar wind. Space weather is activity on the Sun that can affect Earth and interact with our technology. Check out this video to learn more!" A URL is provided at the bottom: <https://www.youtube.com/watch?v=HrloxznL93s>

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<https://www.swpc.noaa.gov/news/space-weather-educational-video>

S: Space weather origins at the Sun	H: Heliosphere variability	G: Coupled geospace system	Impacts
 <p>S1: Long-term solar variability</p> <p>S2: Ambient solar magnetic field, heating and spectral irradiance</p> <p>S3: Solar eruptions</p> <p>Overarching Activities: Assessment Innovative Solutions</p>	<p>H1: Heliospheric magnetic field and solar wind</p> <p>H2: CME structure, evolution and propagation through heliosphere</p> <p>H3: Radiation environment in heliosphere</p> <p>H4: Space weather at other planets/planetary bodies</p>	 <p>G1: Geomagnetic environment</p> <p>G2a: Atmosphere variability</p> <p>G2b: Ionosphere variability</p> <p>G3: Near-Earth radiation and plasma environment</p>	<p>Climate</p> <p>Electric power systems/GICs</p> <p>Satellite/debris drag</p> <p>Navigation/Communications</p> <p>(Aero)space assets functions</p> <p>Human Exploration</p>
		<p>Information Architecture & Data Utilization Education & Outreach</p>	



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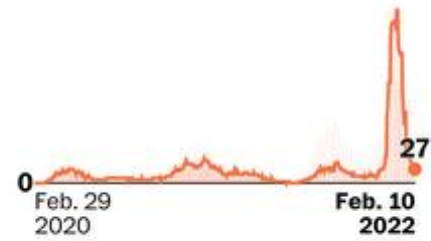
The International Space Weather Initiative Workshop on Space Weather: Science and Applications

2 - 3 NOVEMBER 2021, ONLINE

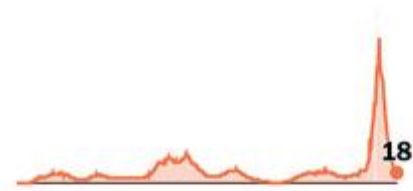
jointly organized by
the United Nations Office for Outer Space Affairs and
the Vikram Sarabhai Space Centre of the Indian Space Research Organization, India

<https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2021/2021-iswi-workshop-2021-presentations.html>.

District of Columbia



Maryland



Virginia



Known coronavirus deaths and cases per 100,000

#3. Steering Committee update

- Manuela Temmer would like to step down

#8 Workshop Report: ISWI/India

- See the report:

ISWI_2021_summary.pdf

#15 Any other business?

- The ISWI webinar committee will be led by Pat Doherty
- The webinar will be monthly. First speaker for March: Mark Moldwin
- The committee will establish a monthly date. First Monday of every month?
- The committee will approach space weather experts and instrument providers for a lineup of the webinar speakers
- The committee members can chair the meetings

Acknowledgments

- Many thanks to Shafa and Patrick for organizing the SC meeting
- Thanks to all the presenters for the informative talks.