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* ISWI Newsletter - Vol. 16 No. 005 12 May 2024 *
* Editor: George Maeda, georgemaeda3[at]gmail.com
* Archive of back issues: ISWI Website https://iswi-secretariat.org/
* Archive of all ISWI webinars:
* https://www.youtube.com/playlist?list=PLaOqa4cng0GF3cKuj6Yz5kqG1BQ-Akkhr
* Send subscription request to: iswisupport@bc.edu
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Dear ISWI Newsletter Subscriber:

This past week the sun was hyper active:
News media was flooded with space weather-related stuff.

If you wish to share material related to the
current situation of the sun, please submit to
this newsletter before the next dead line, which is 10th June.

These solar maximums are reminders that space weather
education and research are highly relevant to life
on Earth. Probably the relevance will increase in
the coming years as countries and companies put
more assets in space that are susceptible to solar activity.

Cordially,
George Maeda
Editor of the ISWI Newsletter

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

AGS Newsletter, April 2024, Vol 7, No 4.
https://mcusercontent.com/b14cdf00ad22fff1badfcb2b2/files/55f27ddd-62a4-5e65-91ff-

c62e172cfecf/agsnewsletter_April_2024.pdf

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

From Dr. Nat Gopalswamy on 25 April 2024:

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COSPAR Capacity-Building Workshop

Coronal and Interplanetary Shocks:
Analysis of SOHO, STEREO, SDO, Wind, and ground-based radio data

Institute of Engineering Physics,
Samarkand State University, Uzbekistan

August 19 - 30, 2024

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First Announcement

The main objective of the COSPAR Capacity-Building Workshops is to encourage the scientific use of space data by scientists in developing countries. The Workshops tap into the large number of extensive archives of data from past and current space missions and the online analysis software tools via the internet. Thus, a typical workshop aims to provide a highly practical training in the use of one or more of these data archives.

In line with this objective, a two-week COSPAR capacity building workshop will introduce data analysis of space-based white-light coronagraph observations and radio spectral and imaging observations from space and ground to study shocks driven by coronal mass ejections (CMEs). In particular, the wealth of data accumulated at the CDAW Data Center at NASA Goddard Space Flight Center from the ESA/NASA Solar and Heliospheric Observatory (SOHO) mission, NASA's Solar Terrestrial Relations Observatory (STEREO), NASA's Wind and Advanced Composition Explorer (ACE) missions will be used. Data on type II radio bursts, which are signatures of shocks near the Sun, are obtained from the e-CALLISTO network and the Radio Solar Telescope Network around the globe will be used for the study. Context information from NOAA's GOES mission and NASA's Solar Dynamics Observatory (SDO) missions will be used.

This workshop will enable scientists and students in developing countries where the e-CALLISTO instruments are deployed to use their data in conjunction with space data to study Earth-affecting solar transient phenomena. In particular, scientists from Uzbekistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Azerbaijan, Armenia will be targeted as participants. After the workshop, the participants will be able to perform correlative data analysis on CMEs and shocks, thus contributing to the progress of this important field in Sun-Earth connection.

The workshop will consist of a series of introductory lectures on the Sun, Solar Corona, Interplanetary medium, Solar Eruptions, Shocks, and Solar Radio Bursts. Python software and web-based tools will be introduced for data analysis. Several projects will be undertaken by teams consisting of lecturers and students that may lead to publications in scientific journals. The participants will also have the opportunity to apply for COSPAR fellowships to work with the lecturers after the workshop. Complete details of the workshop including application forms can be found in the workshop web site: https://cospar2024samarkand.samdu.uz/index.php.

Scientific Organizing Committee:
-Nat Gopalswamy (USA, Chair),

-Christian Monstein, (Switzerland),
-Nandita Srivastava (India),
-Pertti Mäkelä (USA).
-Seiji Yashiro (USA).

Local Organizing Committee
-Hakim Hushvaktov,
-Akhmad Absanov,
-Zavkiddin Mirtoshev,
-Rashid Eshburiev (SamSU, Uzbekistan).

END

[03]----------

THIS MESSAGE WAS RECEIVED ON 27 APRIL 2024
From: Karna, Nishu <nishu.karna[at]cfa.harvard.edu>

RE: **ISWI Space Weather School – Nepal 2024 Announcement**

Dear George,

We are pleased to announce the upcoming International Space Weather Initiative (ISWI) Space Weather School is going to be held in Nepal from Sep 16-20, 2024. The school is hosted by the Nepal Physical Society.
The ISWI school is targeted for fifty pre-grad and graduate students participating from Nepal and neighboring countries. The school focuses on topics ranging from the solar dynamo to the heliosphere's interaction, space weather impacts, and observational technologies.

Application deadline: May 31, 2024

More information is available at
https://iswi-secretariat.org/home-page/meetings/iswi-events/iswi-space-weather-school-nepal-2024/

Best Regard,
Dr. Nishu Karna
Astrophysicists
High Energy Astrophysics Division
Center for Astrophysics | Harvard & Smithsonian
60 Garden Street | MS 58 | Cambridge, MA 02138

[04]----------

FROM: Patrick Gindler
DATE: Thu, May 9, 2024
TO: ISWI Newsletter

Dear participants,

The United Nations Office for Outer Space Affairs is
pleased to inform you that the recording of the

seventeenth webinar on the International Space Weather Initiative,

Dr. Ioannis A. Daglis - Space Weather Predictability,
which took place on Wednesday, 24 April 2024,
is now available on the YouTube channel of the Office:
https://youtu.be/QZKUv7BOKIg

The current, as well as all previous ISWI webinar sessions
can be accessed through the website of the Office at:
https://www.unoosa.org/oosa/en/ourwork/psa/bssi/iswi_webinars.html

Best regards,
Patrick

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**********[End of this issue of the ISWI Newsletter]**********