

題名 ISWI Newsletter – Vol. 5 No. 051  
差出人 maeda@serc.kyushu-u.ac.jp

\*\*\*\*\*  
 \* ISWI Newsletter – Vol. 5 No. 051 25 April 2013 \*  
 \* \*  
 \* I S W I = International Space Weather Initiative \*  
 \* (www.iswi-secretariat.org) \*  
 \* \*  
 \* Publisher: Professor K. Yumoto, ICSWSE, Kyushu University, Japan \*  
 \* Editor-in-Chief: Mr. George Maeda, ICSWSE (maeda[at]serc.kyushu-u.ac.jp)\*  
 \* Archive location: www.iswi-secretariat.org (maintained by Bulgaria) \*  
 \* [click on "Publication" tab, then on "Newsletter Archive"] \*  
 \* Caveat: Under the Ground Rules of ISWI, if you use any material from \*  
 \* the ISWI Newsletter or Website, however minor it may seem \*  
 \* to you, you must give proper credit to the original source. \*  
 \*\*\*\*\*

Attachment(s):  
None.

-----  
 : Re:  
 : (1) Three years of SDO in three minutes.  
 : (2) Some reminders of approaching dead lines.  
 :

Dear ISWI Participant:

There are two items today.

+++++++ FIRST

NASA's SDO (Solar Dynamics Observatory) has been observing the sun for three years. Now, with this video, you can view all of it in just three minutes:  
<http://phys.org/news/2013-04-years-sun-minutes.html>  
 : It is a really beautiful video.

Some explanatory text for the video is as follows:  
 : SDO's Atmospheric Imaging Assembly (AIA) captures a shot of the sun every  
 : 12 seconds in 10 different wavelengths, but the images shown here are  
 : based on a wavelength of 171 Angstroms, which is in the extreme ultraviolet  
 : range. It shows solar material at around 600,000 Kelvin. In this wavelength  
 : it is easy to see the Sun's 25-day rotation as well as how solar activity  
 : has increased over three years as the Sun's solar cycle has ramped up  
 : towards the peak of activity in its 11-year cycle.  
 :  
 : You'll also notice that during the course of the video, the Sun subtly  
 : increases and decreases in apparent size. This is because the distance  
 : between the SDO spacecraft and the Sun varies over time. The image is,  
 : however, remarkably consistent and stable despite the fact that SDO orbits  
 : the Earth at 6,876 miles per hour and the Earth orbits the sun at  
 : 67,062 miles per hour.

+++++++ SECOND -- some reminders of upcoming dead lines

(a)  
 International School for Young Astronomers: ISYA 2013.  
 26 August - 13 September 2013, in Indonesia. Dead line  
 for applications is approaching. See ISWI Newsletter Vol. 5, Number 40.

(b)

The International CAWSES-II Symposium (November 18-22, 2013, Nagoya, Japan)  
Abstract dead line is 30 June 2013. See ISWI Newsletter Vol. 5, Number 21.

(c)

Sunanda and Santimay Basu Early Career Award; dead line = 15 May 2013.  
See ISWI Newsletter Vol. 5, Number 47.

If you wish to remind newsletter subscribers of a dead line,  
please let me know. I will send it out.

Sincerely,

. George Maeda  
. The Editor  
. ISWI Newsletter