

題名 ISWI Newsletter – Vol. 2 No. 8
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* I S W I = International Space Weather Initiative *
* (www.iswi-secretariat.org) *
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* Publisher: Professor K. Yumoto, SERC, Kyushu University, Japan *
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Attachment:

(1) book review from COSPAR (549 KB).

Reviewed book:

" Putting the 'I' in IHY: The United Nations Report
for the International Heliophysical Year 2007 ".

Dear ISWI Participant:

This issue of the ISWI Newsletter contains two announcements
(both concerning books related to IHY).

An aside note:

The Scientific and Technical Subcommittee of UNCOPUOS is now
in session in Vienna, Austria. In the next issue of this
newsletter a document will be presented that was circulated
to all member States.

===== ANNOUNCEMENT 1 =====

The book based on Asia-Pacific IHY School will be out soon.
This is the web link for information concerning it:
<http://www.springer.com/astronomy/extraterrestrial+physics%2C+space+sciences/book/978-3-642-11340-6>
The following text (between + and &) is from the publisher (Springer):

+
Serves as reference work to research in the emerging field of heliophysics

An outgrowth of the first Asia-Pacific Regional School on the
International Heliophysical Year (IHY), this volume contains a
collection of review articles describing the universal physical
processes in the heliospace influenced by solar electromagnetic
and mass emissions. The Sun affects the heliosphere in the short
term (space weather) and in the long term (space climate) through
numerous physical processes that exhibit similarities in various
spatial domains of the heliosphere. The articles take into account
various aspects of the Sun-heliosphere connection under a systems approach.

This volume will serve as a ready reference work for research in the
emerging field of heliophysics, which describes the physical processes
taking place in the physical space controlled by the Sun out to the
local interstellar medium.

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===== ANNOUNCEMENT 2 =====

Attached is a favorable book review of this book:

" Putting the 'I' in IHY: The United Nations Report
for the International Heliophysical Year 2007 ".
The book review is from COSPAR's information bulletin,
"Space Research Today" (No. 176, December 2009).

End of this issue of the ISWI Newsletter.

George Maeda
SERC (staff member), Editor of ISWI Newsletter

COSPAR'S INFO BULLETIN: Space Research Today (No.176 Dec2009)

host ICG-6 in 2011 and by China to host ICG-7 in 2012.

Further information on ICG and the Programme on GNSS Applications can be obtained from the United Nations Office for Outer Space Affairs, ICG Executive Secretariat at www.icgsecretariat.org; e-mail: sharafat.gadimova@unvienna.org

Publications

Advances in Space Research

Information on COSPAR's own journal, *Advances in Space Research (ASR)* is given in *Space Research Today* No. 169, pp.115-116. Details on submission of manuscripts can be found under 'Guide for Authors' available on the Elsevier website: <http://ees.elsevier.com/asr>

The all important parameter for judging the quality of any journal is the Impact Factor. The Impact Factor for *ASR* continues to show a healthy rise year-on-year, and was 0.86 for 2008.

Galileo Issue in *Advances in Space Research: Scientific Applications of the Galileo Navigation Satellite System*

Papers are invited for a special issue of *Advances in Space Research* entitled 'Scientific applications of Galileo and future Global Navigation Satellite Systems'. Articles derived from presentations (oral or poster) at the 2nd International Colloquium on Fundamental Aspects and Scientific Applications of Galileo and GNSS, co-sponsored by COSPAR, are encouraged as well as are any other original appropriate manuscripts. Foreseen topics include: first results derived using GIOVE data, Galileo system development and technology (ground receiver and satellites), experiments related to fundamental physics,

future uses of current and future GNSS data for time and frequency transfer, relationships between internal GNSS times, atmospheric sciences (ionosphere, troposphere, climatology), geodetic and geophysical applications (terrestrial reference frame, plate tectonics, high-rate GPS positioning), combined use of multi GNSS data, satellite laser ranging tracking, interoperability of various GNSS, precise orbit determination for GNSS and for LEO satellites, mathematical and theoretical challenges related to the availability of future GNSS data, algorithms and models, constellation maintenance and space debris.

Papers must be submitted electronically through the EES website (<http://ees.elsevier.com/asr>) under the category 'S.I. Galileo'. All manuscripts will be submitted to a standard peer-review process.

Accepted papers will be published in a special issue of *Advances in Space Research* (Elsevier, ISI Web of Science).

Deadline for submission is 1 March 2010. Authors are encouraged to contact the Guest Editor (Pascal Willis, willis@ipgp.jussieu.fr) for any additional information. They will be kept regularly informed on the progress of the special issue until its expected publication in late 2010. Papers will be available on the *ASR* website with a DOI as soon as they are accepted.

Book Review

Putting the 'I' in IHY: The United Nations Report for the International Heliophysical Year 2007
[Ed. B.J. Thompson, N. Gopalswamy, J.M. Davila & H.J. Haubold]. Springer 2009. ISBN 978-3-211-99179-4

We have often reported on the activities of the International Heliophysical Year (IHY) in *SRT*, perhaps driven slightly by the General Editor's

(cont'd next page)

