

CAWSES Theme 2 Activities

Working Group: Solar Sources of
Geomagnetic Activity

Space Weather Campaign: March 29
to April 4, 2004

Working Group: Solar Sources of Geomagnetic Activity

Objectives

To understand how solar events such as CMEs and high speed streams impact the geospace

- investigation of the underlying science
- development of prediction/forecast models and necessary tools

Main Topics

1. Solar sources: Coronal Mass Ejections, Coronal Holes, Large-scale Magnetic structures and boundaries, Polar magnetic fields
2. Structure of the heliosphere and interplanetary transport of solar eruptions
3. Solar energetic ions and electrons
4. Geospace response to solar events

Meetings

Preliminary meeting in China
(before IAU Symposium Sep11-12 2004)
Large meeting in 2005
(during the SCOSTEP Symposium)

WG formed during the ISCS meeting
in Slovakia, June 2003

N. Gopalswamy CAWSES Paris
July 17, 2004

The Project Team

N. Gopalswamy (USA, Chair)
B. V. Jackson (USA)
V. Obridko (Russia)
A. Prigancova (Slovakia)
B. Schmieder (France)
K. Shibasaki (Japan)
D. Webb (USA, IAU Rep.)
S. T. Wu (USA)
M. Kojima (Japan)
M. Zhang (China)

CAWSES Space Weather Meeting

Sept 11-12, 2004 Beijing, China

Announcement

A CAWSES meeting will be held to discuss space weather related science, international collaboration, and future plans physics research during Sept 11-12, 2004, in Beijing, China. Space Weather is one of the primary themes (THEMA 2) of CAWSES. The meeting will be held in the same venue as, but immediately preceding the IAU symposium 226, "Solar and Stellar Mass Ejections". Those who are interested in space weather aspects of solar and heliospheric physics are encouraged to attend the meeting. Anyone interested in making a presentation should send an Email with the title of the talk and a short abstract to one of the members of the organizing committee.

Organizing Committee

K. Shibata (co-chair) shibata@kwasan.kyoto-u.ac.jp
N. Gopalswamy (co-chair) gopals@fugee.gsfc.nasa.gov
Y. Yang (LOC-chair) yyh@bao.ac.cn
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For accommodation please contact Y. Yang (LOC-chair): yyh@bao.ac.cn

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CAWSES Campaign (March 29-April 4, 2004)

Participants – Solar

SOHO/LASCO (N. Gopalswamy)
Hel 10830 (J. Burkepile)
H-alpha (B. Schmieder, Haimin Wang)
ISOON (D. Neidig)
Microwave (Shibasaki)
IPS (Manoharan, Tokumaru)
SXI (D. Biesecker)
Metric (M. Akioka)
Decametric (M. Kaiser, N. Gopalswamy)

[CME list](#) (11 CMEs)

[Flares](#)

<http://cdaw.gsfc.nasa.gov/CAWSES>

What Next?

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