Whole Sun Month

- **Gibson, Biesecker, Thompson, *et al.***
- **Coordinated SOHO instruments (JOPs), external observatories and modeling effort**

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Whole Sun Month at solar minimum: An introduction

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Abstract. The Whole Sun Month was a collaborative project of the IACG Campaign 4 and the SOHO Joint Observing Programs to characterize and model the structure of the global corona during solar minimum conditions. This introduction provides a brief description of the campaign objectives, the missions, and observatories involved and highlights some of the scientific results reported elsewhere in this special section.

MAX MILLENNIUM PROGRAM OF SOLAR FLARE RESEARCH

OP 001. 3-D Structure of Flaring Active Regions

OP 002. *Eruptive Flares Associated with Sigmoids during WSM3*

OP 003. *Region Likely to Produce Major Flares*

OP 004. Flare Genesis Flight in Antarctica

OP 005. The Triggering and Evolution of Solar Flares

OP 006. H-alpha Linear Polarization in Flares

OP 007. Doppler Shifts in X-Ray Jets

OP 008. Moreton/EIT Observing Campaign

OP 009. *Default RHESSI Collaboration*

OP 010. Flare Loop Oscillations

OP 011. *Eruptive Flares Associated with Sigmoids*

OP 012. Type I Noise Storms and Related Activity

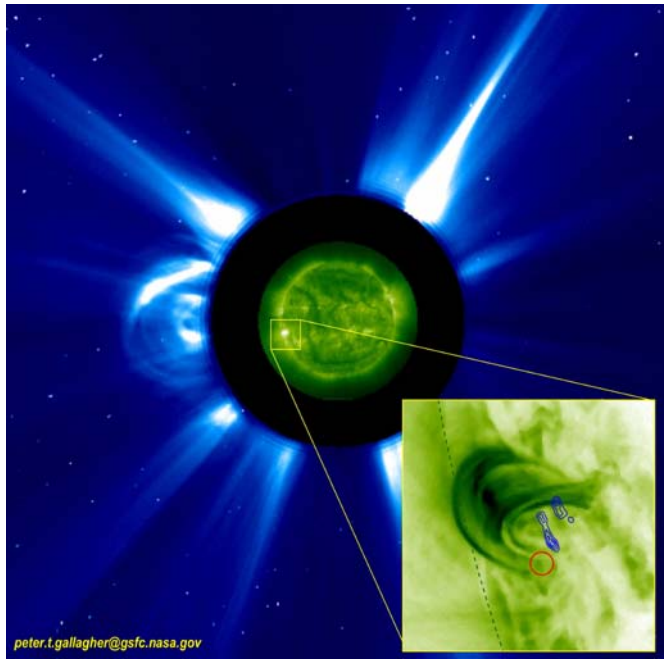
OP 013. Helium Abundance in Flares from the Chromosphere to the Solar Wind

OP 014. High Cadence Imaging

OP 015. VLA-RHESSI-TRACE Observations of Flare Buildup and Impulsive Energy Release in Active Regions

OP 016. RHESSI-TRACE Micro-Events

RHESSI operations similar to STEREO



MAX MILLENNIUM CHIEF OBSERVERS

- **Peter Gallagher**
- **William Marquette**
- **James McAteer**

STEREO Campaigns?

- Do we need to do anything?

Reference Heliosphere

Coordinated Investigation Program defining a Reference Heliosphere with the Sun-Solar System Great Observatory

E. Möbius, G.Poletto, S. Suess

- **STEREO**
- **IBEX**
- **SOHO/ACE/WIND/Ulysses/Voyagers**

Whole Sun Month Campaign

- We propose Jan 13-Feb 13, 2007
- Joint with SOHO, Solar-B, Ulysses, (RHESSI, Trace, etc)
- SECCHI High Cadence Observations: Jan 31 – Feb 13 would give (with July 20 window) a separation angle of 7.5 – 9.6 degrees
- Considerations:
  - Dec 19, 2006 – May 19, 2007 Exceptional Ulysses Quadrature
  - 2007 Jan 5-7 SOHO/MDI Continuous Contact
  - 2007 Feb 2-4 SOHO/MDI Continuous Contact
  - 2007 Feb 13-Mar 12 26m Keyhole (Feb 19-Mar 06 34m Keyhole)
- Workshop in June 2007
- Papers due 6 months later for JGR special issue

International Geophysical Year

- **World Days (typically 3 days per month) were planned as part of the IGY. During these periods special programs of research focused on short-timescale events or special events (*e.g.,* during the times of meteor showers) were carried out.**

- **During times when the Sun was especially active on a day not designated as a World Day, alerts were issued. These could be followed by the declaration of Special World Intervals that followed alerts. These could be called with 8 hr notice. Rocket and balloon launches might take place, and other programs of study might be intensified.**

- **World Meteorological Intervals consisted of 10 consecutive days, four times a year, usually near the beginning of seasons for intensive study, rocket campaigns, etc. Data was collected at three centers (US, Europe, and Soviet Union) and made available to all nations.**