Hi Everyone,

This year’s workshop (with GEM) was a great success! Thanks and kudos to the working group leaders which organized and led all the successful sessions and to the GEM organizers for working with us. We had record attendance both for scientists and students.

We would like to extend a special thanks to Umbe Cantu and Antoun Daou for all the many, many things they did before, during and after the meeting. We couldn’t have done it without them.

Best,
Christina Cohen and the SHINE steering committee
shine-committee@dopey.caltech.edu

Items:
1. Workshop Presentations Online
2. New Steering Committee Members
3. Workshop Announcement: WHIDMAW
4. Job Opportunity at NRL
5. Job Opportunity at SWPC

Workshop Presentations
The presentations given at each session of this year’s workshop are online at http://www.shinecon.org/Presentation2008.html, as are the session introductions and summaries. A few presentations are currently missing but will be added when they become available.

New Steering Committee Members
Each year after the workshop, 3 steering committee members rotate off and 3 new members are selected. This year Joe Giacalone, Simon Plunkett, and John Raymond conclude their terms. Thank you to them for all their hard work and dedication to SHINE.

We welcome Angelos Vourlidas, Ben Chandran, and Holly Gilbert as our new committee members. They have led many successful sessions over the past few years and we’re sure they will bring similar energy and commitment to the steering committee.
Workshop announcement: Whole Heliosphere Interval Data and Modeling Analysis Workshop (WHIDMAW)

August 26-29, 2008
NCAR/HAO Center Green Facility
Boulder, Colorado

The Whole Heliosphere Interval (http://ihy2007.org/WHI/WHI.shtml) is an international coordinated observing and modeling effort to characterize the 3-dimensional interconnected solar-heliospheric-planetary system.

This workshop will focus on gathering data and model information, performing preliminary assessment and analysis, and connecting and linking the various data and models. The workshop structure will include plenary/full group discussion sessions in the mornings, and small group breakouts in the afternoon. Daily themes will include

• Characterizing the global, interconnected, (non-transient) heliosphere
• Analyzing energy transport/transient origins and impact
• Studying physics at boundaries throughout the heliosphere

Registration is now open at

http://www.hao.ucar.edu/forms/whidmaw_registration.html

Anyone interested in working on WHI science is encouraged to attend. If you can't make it to the workshop, remote participation is possible -- please indicate your interest in this option on the registration form. Please note registration deadline is July 31, but hotels must be booked immediately due to the Democratic National Congress meeting the same week in Denver.
Physicist Position  
Solar Physics Branch  
Space Science Division  
Naval Research Laboratory  
Washington, D.C.

The Solar Physics Branch of the Naval Research Laboratory Space Science Division announces a staff scientist position vacancy. The mission of the Branch is to investigate the dynamics of plasmas in the solar atmosphere and heliosphere. Some current Branch programs are SOHO/LASCO, STEREO/SECCHI, Hinode/EIS, DMSP/SSULI, ISS/RAIDS, STS/ANDERR and GAIM. Staff scientists are responsible for conducting a broad program of scientific analysis, instrument development and data reduction. The position to be announced is for a Science and Engineering Professional, Career Level III, with a Space Scientist specialization. A Ph.D. is desirable or preferred and the ability to obtain a security clearance will be required. The position will emphasize fundamental physical understanding of varying phenomena in the heliosphere. The primary task will be to combine modeling of transient phenomena such as coronal mass ejections with analysis and interpretation of data to accurately forecast the Earth’s space environment. The incumbent will collaborate closely with individuals and teams specializing in research on various aspects of the space environment and its impact on civilian and Department of Defense systems, and will provide scientific support for instrument development programs in the Branch. The successful applicant shall have:

- Knowledge, skill and ability to apply the techniques used for astrophysical scientific data analysis and interpretation; model specification, verification and validation; and the tools used for simulation and visualization of heliospheric phenomena.

- Knowledge of the physics of the solar wind, magnetosphere and ionosphere.

- Knowledge of the design and calibration of solar and space environment sensors.

- Ability to communicate effectively, both orally and in writing, to scientific and technical audiences.

- Skill in writing successfully funded proposals for Naval concepts and ideas.

NRL is an equal opportunity employer. Interested parties should address resumes and questions to Dr. Simon Plunkett (Telephone: 202-404-3720; E-mail: simon.plunkett@nrl.navy.mil).
**Job Opportunity at NOAA Space Weather Prediction Center, Boulder, Colorado**
Physical Scientist, ZP-1301-band II (GS-7 through GS-10)
Salary Range 39,376 – 68,954 USD per year

**Job Summary:**
If you are looking for a challenging, intellectually stimulating job involving the frontier science of space weather and its practical application, we have the job for you. The Space Weather Prediction Center (SWPC), is seeking an energetic professional to fill an entry level position as a Space Weather Forecaster.

Headquartered in beautiful Boulder, Colorado, National Oceanic and Atmospheric Administration's (NOAA), Space Weather Prediction Center (SWPC) provides the Nation's official Space Weather Services to meet growing user demands for space weather information. The Center is one of the nine National Centers for Environmental Prediction (NCEP) within the National Weather Service (NWS). SWPC continually monitors and forecasts space weather; provides accurate, reliable, and useful solar-terrestrial information; conducts and leads research and development programs; and, transitions promising models and techniques into operational products to improve space weather services. See [http://swpc.noaa.gov](http://swpc.noaa.gov).

**Major Duties:**
The successful applicant for this position will serve as a Space Weather Forecaster in the Space Weather Forecast Center within SWPC. The primary duties of this position will be to: serve as a space weather forecaster intern on a rotating shift schedule; monitor and analyze space weather conditions using real-time space weather data; prepare space weather forecasts, reports, and products; update forecasts as necessary; issue space weather alerts, warnings, and watches to notify affected users; and monitor the integrity of the real-time operational systems.

**Key Requirements:**
- U.S. Citizenship
- Knowledge of space weather and its impacts and effects on humanity and technology
- Ability to work efficiently and accurately, while being reliable, responsible and accountable, in a rotating shift schedule

**Career Growth:**
While this is an entry level job we expect successful candidates to quickly develop the skills to be eligible to move to the next level (ZP3, salary level 58,274-90,803). The top level achievable for a forecaster is a ZP4 (salary level 83,057-127,590).
This is a full time permanent federal government job.

**Directions for getting to job announcement on USAJOBS**
Step 1: Go to USAJOBS at [http://www.usajobs.opm.gov/](http://www.usajobs.opm.gov/)
Step 2: On the home page under the title SEARCH JOBS, in the box with the word “what”, enter the announcement number for the ZP2 forecaster job:
- *Enter this number if you are a government employee, NWS-NCEP-2008-0117*
- *Enter this number if you are not a government employee, NWS-NCEP-2008-0123*
Then click on the SEARCH button to bring up the job summary
Step 3: Click on the title to get expanded information about the job
Step 4: To apply for the job click on the APPLY ONLINE button.
Step 5: Read all directions very carefully, they must be followed or your application may be deemed incomplete and not considered.