
NASA HELIOPHYSICS SUBCOMMITTEE (HPS) NEWS 2008:1:
FEBRUARY 14, 2008

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1. NEXT HELIOPHYSICS SUBCOMMITTEE MEETING

DATES: March 19-21
8:30 am to 5pm on the first two days; 8:30am to noon on the last day
LOCATION: NASA Headquarters, Room: MIC-5

The meeting will be open to the public up to the capacity of the meeting room. Suggestions for the agenda may be sent to Alan Title (title at lmsal.com) with copy to Barbara Giles (barbara.giles at nasa.gov)

Subcommittee members whose memberships were expected to end on March 1 have been extended through April. All current subcommittee members are encouraged to attend this March meeting.

OTHER ATTENDEES PLEASE NOTE – ACTION ITEM:
To get your visitors pass, all attendees with U.S. citizenship should provide identifying information in advance by contacting Marian Norris via email (mnorris at nasa.gov) or by telephone at (202) 358-4452. Information needed is full name; employer/affiliation information (name of institution).

Foreign nationals attending this meeting are required to provide the following information (also to Marian Norris) no less than five (5) working days prior to the meeting: full name; gender;

date/place of birth; citizenship; visa/green card information (number, type, expiration date); passport information (number, country, expiration date); employer/affiliation information (name of institution, address, country, telephone); title/position of attendee.

NOTE TO SPEAKERS:

(1) All graphics in your presentation slides must be described in the "notes" section of the file. A short tag will be fine; this is for 508 compliance on the website.

(2) please provide your slides to barbara.giles@nasa.gov at least 24 hours in advance of the meeting so that they may be loaded to the projection system and copies can be provided to subcommittee members and other attendees.

2. DISTRIBUTION OF PRINTED REPORT: HELIOPHYSICS
SCIENCE AND THE MOON

As you may have already noted, the printed copies of the Subcommittee's report: "Heliophysics Science and the Moon, Potential Solar and Space Physics Science for Lunar Exploration" has been released in both PDF and printed form. All subcommittee members should have received at least two copies in the mail.

The PDF is attached here. Printed copies may be requested from Barbara Giles (barbara.giles@nasa.gov).

3. RECENT CHART SETS

On the evening of Monday, December 10th, NASA's Associate Administrator for the Science Mission Directorate held a Town Hall meeting at the American Geophysical Union meeting in San Francisco. This was followed on Tuesday, December 11th, with a multi-agency Solar Planetary and Aeronomy Town Hall Meeting that included a presentation by Richard Fisher, the Heliophysics Division Director. Both meetings were informative and well-attended. We appreciate the time and effort that all involved put toward these very important face-to-face community interactions. The presentation charts used by Dr. Stern are

attached to this newsletter.

The President's FY 2009 budget proposal was released on Monday, February 4. As part of this release, Dr. Richard Fisher of NASA's Heliophysics Division held a budget briefing by teleconference to inform on specifics of the Heliophysics Division portion of the budget. Members of the NAC Heliophysics Subcommittee and officers of the professional societies associated with Heliophysics science were encouraged to participate and learn what the new budget contained for our science discipline. The presentation charts used by Dr. Fisher are attached to this newsletter.

4. MOWG NEWS

SHMOWG: A meeting of the Solar and Heliospheric MOWG was held January 17-18, 2008. Agenda is attached. Contact Alex Pevtsov for further information (alexey.a.pevtsov at nasa.gov).

GMOWG: The Geospace MOWG has recently updated its membership. We have been very grateful for the contributions of retiring members, Maura Hagan, Mike Henderson, Larry Paxton, and Chair, Mike Liemohn. We hope that all will continue to help us stay in touch with the community. We are pleased that Reiner Friedel, Dave Siskind and Stan Solomon have agreed to join the the GMOWG and that Bill Lotko has accepted our invitation to take over as GMOWG Chair. A full list of the GMOWG membership is included in the "reference" section below. Contact Mary Mellott for further information (mary.mellott at nasa.gov).

DCWG: A meeting of the Data and Computing Work Group was held January 30-31. Agenda is attached. Contact Chuck Holmes for further information (charles.p.holmes at nasa.gov).

5. A LITTLE BRAGGING ON ONE OF OUR OWN

On Friday, Governor Tim Kaine of Virginia named Jim Russell, PI of the AIM mission, as one of two recipients of the "Virginia's Outstanding Scientists 2008" awards. The Governor's press

release is at

<http://www.governor.virginia.gov/MediaRelations/NewsReleases/viewRelease.cfm?id=599> and it says:

"Dr. James M. Russell III, of Yorktown, is a Hampton University atmospheric and planetary sciences professor and Center for Atmospheric Sciences co-director. He is a pioneer in satellite atmospheric remote sensing. His work in cutting-edge research is used to understand global ozone changes and Earth's high atmosphere. Russell led the mission that provided the first global view of chlorine gases destroying ozone. As principal investigator, he confirmed chlorine from chlorofluorocarbons caused the ozone hole and verified that the ozone layer is recovering because of international regulations. He and his colleagues also provided the first global picture of widespread solar storm effects on the middle to upper atmosphere and showed that nitric oxide in the atmosphere acts as a natural thermostat to regulate temperatures. AIM, his most recent research, is a satellite mission that studies night shining clouds in Earth's Polar Regions. AIM is the first NASA mission led by a historically black college or university. Russell has a bachelor's from Virginia Polytechnic Institute and State University, a master's from the University of Virginia and a doctorate from the University of Michigan."

Please join us in congratulating Jim on this prestigious award (james.russell at hamptonu.edu).

6. REFERENCE/BACKGROUND INFORMATION

This communication is sent from the NASA HQ Heliophysics Division Office to those involved with, and/or interested in, the activities of the Heliophysics Subcommittee. This communication is not intended to act as the official general or public medium for the distribution of HPS meeting announcements or news and should not be relied upon for that purpose. Official HPS meeting announcements are posted to the Federal Register. The official web site for HPS activities is accessible through <http://science.hq.nasa.gov/>.

All interested parties are welcome to receive this newsletter; requests to be added to this email distribution list can be sent to barbara.giles@nasa.gov. Heliophysics MOWG chairs should forward this newsletter to their membership as is appropriate.

Everyone working with, organizing, and supporting the subcommittee is encouraged to submit items to this communication so that all working with HPS will be kept informed of activities and progress.

Please submit items of interest to barbara.giles@nasa.gov.

The Heliophysics Subcommittee (HPS) is a standing subcommittee of the NASA Advisory Council (NAC); it also supports the advisory needs of the NASA Science Mission Directorate (SMD). The scope of the Subcommittee includes the study of the Sun, the Sun's connections to the space environments of the bodies of the solar system, and the heliosphere out to its interface with the interstellar medium.

The membership of the Subcommittee consists of 14-16 leading scientists with relevant expertise drawn from industry, academia, and government institutions. Members will generally be appointed to two- or three-year terms, and approximately one third of members will be replaced annually. The Subcommittee will meet 3-4 times per year, usually in advance of NAC meetings. The Subcommittee will report to the NAC via the NAC Science Committee. Records of Subcommittee meetings such as summaries of findings and minutes will be posted on the web for public access at

<http://science.hq.nasa.gov/strategy/subcomm.html> .

Members of the Heliophysics Subcommittee:

Chair: Dr. Alan Title, Lockheed Martin

Vice-Chair: Dr. Roy Torbert, Univ of New Hampshire

Dr. James H. Clemmons, The Aerospace Corporation

Dr. Ed Deluca, Harvard-Smithsonian Center for Astrophysics

Dr. Sarah Gibson, NCAR/High Altitude Observatory

Dr. J. Todd Hoeksema, Stanford University

Dr. Mary Hudson, Dartmouth College

Dr. Janet Kozyra, University of Michigan

Dr. Robert Lin, University of California, Berkeley

Dr. David McKay, NASA Johnson Space Center

Dr. James Russell, Hampton University

Dr. Nathan Schwadron, Boston University

Dr. Steven T. Suess, NASA/MSFC

Dr. Michelle Thomsen, Los Alamos National Laboratory

Dr. Raymond Walker, Univ. of California, Los Angeles

Dr. Daniel Winterhalter, NASA/JPL

NASA Headquarters

Dr. Barbara L. Giles (Executive Secretary)

Ms. Marian R. Norris (Administrative Officer)

The email address to reach all members of the Heliophysics Subcommittee is heliophysics@sun.stanford.edu.

Web site for the NAC: <http://www.hq.nasa.gov/office/oer/nac/>

Web site for Heliophysics Subcommittee:

http://science.hq.nasa.gov/strategy/NAC_sci_subcom/heliophysics.html

Members of the Geospace Management Operations Working Group
Members

Dr. William Lotko, Chair/Dartmouth

Dr. Philip Anderson/UTD

Dr. Bela Fejer/Utah State

Dr. Reiner Friedel/Los Alamos

Dr. Larry Kepko/New Hampshire

Dr. Dirk Lummerzheim/Alaska

Dr. Kristina Lynch/New Hampshire

Dr. Tai-Duc Phan/Berkeley

Dr. John Sigwarth/Goddard

Dr. David Siskind/NRL

Dr. Stanley Solomon/NCAR

Future NAC Meetings:

April 16-17, 2008 Kennedy Space Center

July 22-24, 2008 Glenn Research Center

October 14-16, 2008 Ames Research Center

SMD Science Plan: <http://science.hq.nasa.gov/strategy/index.html>

Living with a Star MOWG: http://lws-trt.gsfc.nasa.gov/lws_mowg.htm

END OF NEWSLETTER