



Mission Update –

As the mission heads into its ninth month, scientists are thrilled with SORCE's progress. The instruments continue to make excellent solar and stellar observations. Since SORCE first launched, the entire SORCE science team has met weekly to review the instrument status, spacecraft status, ground contacts, spacecraft and instrument planning, and data processing. In addition, many smaller meetings are held during the week to focus on individual instruments and the science data produced. These meetings are becoming more exciting as the instrument calibration and data processing efforts are fine-tuned.

Data are being distributed to the science community through the Goddard Space Flight Center DAAC. For additional information on obtaining SORCE data from the DAAC and reading the SORCE HDF data files, see [data_access.html](#).

SORCE Mission Celebration–

A belated 6-month launch celebration occurred at LASP in early September to acknowledge all of those who have worked on SORCE through the years. Bill Ochs, the NASA SORCE Project Manager for the past four years presented individuals with certificates of appreciation, as did Gary Rottman, SORCE Principal Investigator and Tom Sparn, LASP's SORCE Program Manager.

They began by each saying a few words about how unique the SORCE mission has been from the very beginning and how wonderful it has been developing the great working relationships over the years. Everyone is very aware of the special team of people required for SORCE to be so successful. Although Bill Ochs is



Chris Pankratz, SORCE Data Processing Manager, accepts a SORCE Certificate of Appreciation from Gary Rottman.

moving on to other responsibilities at NASA, he is not intending to say good-bye to the life-long friends he has made over the years. With the main focus now on science, Ed Chang from NASA has joined the SORCE management team, of course, working side-by-side with LASP's SORCE management.



LASP's SORCE Team Members (click for larger view)



SORCE Science Meeting December 4-6, Sonoma, California –

The next SORCE Science Meeting – *Physical Processes Linking Solar Radiation and Solar Variability with Global Climate Change* – is set for December 4–6, 2003 in Sonoma, California. This meeting will be the first science meeting since the January 25th launch. The SORCE meeting dates have been selected to accommodate people wanting to attend the AGU meeting, which is the following week in San Francisco. We encourage your attendance and hope that you will share this announcement with colleagues. The early registration and hotel reservation deadline is November 1.

The meeting will be devoted to our understanding of the physical processes that connect the Sun's radiation and its variability to our terrestrial environment, including the processes involved with climate and ozone response to solar radiative forcing and the mechanisms that cause solar activity and radiation variations. The agenda will consist of both invited and contributed oral presentations and posters. Abstracts are due October 15.

The meeting will include the following overview presentations:

- J. Eddy – Current status of Sun-climate connections and possible processes
- V. Ramaswamy – Current status of the Sun's role in global change
- J. Hall – Current status of Solar-stellar relationships

Scientific sessions planned for the meeting, with the following confirmed speakers, are:

- Solar Radiation – Status of Current Measurements
– Gary Rottman, C. Fröhlich, SORCE Instrument Teams
- Climate Change Processes Involving Solar Radiation in the Troposphere – G. Meehl, S. Hameed, S. Platnick, R. Cess
- Global Change Processes Involving Solar Radiation in the Stratosphere – R. Stolarski, M. Salby, D. Rind, R. Hudson
- Processes and Evidence for Long-Term Irradiance Variations – P. Goode, M. Dikpati, Y.M. Wang
- Future Directions in Sun-Climate Research

The featured speaker at the meeting dinner on Thursday evening, Dec. 4, will be Dr. John Eddy. He will be speaking on "Tales of the Sun and Climate".

The scientific organizing committee members are Judith Lean from NRL, Peter Pilewskie from NASA Ames Research Center, and Doug Rabin from GSFC. They are putting together an exciting agenda and everyone anticipates a very interesting meeting.

Please refer to the meeting website for the complete meeting announcement, with additional information on the agenda, call for papers, registration forms, and travel and lodging information – [Dec03ScienceMeeting.html](#). The website will be updated regularly with the latest science program additions.

Upcoming Meetings / Talks –

SORCE scientists plan to present papers or attend the following 2003 meetings:

- Characterization and Radiometric Calibration for Remote Sensing, Sept. 15-18, Logan, Utah
- SORCE Science Team Meeting, Dec. 4-6, Sonoma, California
- AGU Fall Meeting, Dec. 8-12, San Francisco, California

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