

SHINE Newsletter, April 26, 2010

Hi Everyone,

The 2010 SHINE workshop is starting to come together and the working group leaders are working hard on defining their sessions and discussion focus. We have several new topics this year and want to thank all those that have proposed sessions and volunteered to lead them.

Most of this newsletter contains information on the upcoming workshop. I've included the session titles and leaders; the session descriptions for most of the sessions will be coming soon. This information can also be found on the web page: <http://www.shinecon.org>. This page will be continually updated as we get more details from the hotel and local area.

Best,

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

Items:

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Registration and General Information for SHINE 2010

Important Dates:

Workshop Dates: July 26-30, 2010
(Student Day July 25)
Registration: May 3 through June 18, 2010
Abstract Deadline: June 18, 2010
Hotel Reservation Deadline: June 18, 2010

Please register (after May 3rd) through the SHINE web page

<http://www.shinecon.org>

Registration is \$375 before 5pm CDT June 18 and \$425 afterwards.

This year's SHINE workshop will be held at the La Fonda in Santa Fe, New Mexico. Information about the resort can be found here: <http://www.lafondasantafe.com/index.html>. More details about the workshop venue, travel, etc. will be posted on the SHINE web site shortly.

To make your hotel reservations please mention **SHINE** or #642445 to receive the special group rate of \$109.00 per night.

Reservations should be made by calling La Fonda at:
(U.S.) 1-800-523-5002 and then choosing #1.
(Int'l) 1-505-954-3500 or 1-505-982-5511
Please call between the hours of (Mountain Time):
Monday – Friday: 7am-8pm
Saturday: 8am-5pm
Sunday: 9am-5pm

Or faxing a request to: (505) 954-3599

Or online at: <http://www.lafondasantafe.com/email-group.html>

Current SHINE Working Group Session List

1. Imbalanced Turbulence in the Solar Wind

Session Leaders: John Podesta (LANL) and Stanislav Boldyrev (UW-Madison)

2. Pinning Down the Physical Processes that Generate the Solar Wind

Session Leaders: Ben Chandran (UNH) and Justin Edmondson (JPL)

3. Extended Duration High-Energy Flares and GLEs

Session Leaders: Hilary Cane (GSFC) and Stephen White (AFRL)

4. Progress and Challenges in Modeling a CME from its Eruption to its Interplanetary Propagation out past Earth: The May 13, 2005 Event

Session Leader: Nick Arge (AFRL)

5. New Questions about Energetic Neutral Atoms, Pickup Ions, and Anomalous Cosmic Rays in the Heliosphere

Session Leaders: Matt Hill (APL) and Maher Dayeh (SWRI)

6. When and How is Reconnection in the Solar Environment Turbulent?

Session Leaders: Tom Intrator (LANL), Joe Borovsky (LANL), and Giovanni Lapenta (Katholieke Uni)

7. Magnetic Data as Drivers of Coronal Models: the Good, the Bad, and the Ugly

Session Leaders: Nick Arge (AFRL) and Carl Henney (AFRL)

8. Understanding and Predicting the Solar Cycle

Session Leaders: Keith Strong (GSFC) and Julia Saba (GSFC)

9. SDO Data Analysis How-To

Session Leader: Marc DeRosa (LMSAL)

10. The Nature of Coronal Mass Ejections: Heliospheric Properties and Relation to In-Situ Properties

Session Leader: Noé Lugaz (UHI)

11. Chromospheric Connections to the Heliosphere

Session Leaders: Scott McIntosh (UCAR) and Bart De Pontieu (LMSAL)

12. Differential Emission Measure: Techniques and Implications

Session Leader: Rich Frazin (UMich)

13. How Much do Solar Flares Contribute to Large SEP Events at Earth?

Session Leaders: Dennis Haggerty (APL) and Mihir Desai (SWRI)

14. Physics-based "All Clear" Forecasting

Session Leaders: Ron Turner (Anser), Dan Fry (JSC) and David Falconer (UAH)

Call for Nominations for the 2010 Sunanda and Santimay Basu Award

The Space Physics and Aeronomy (SPA) Section of the American Geophysical Union (AGU) is seeking nominations for the 2010 Sunanda and Santimay Basu Award. This award is presented annually to honor an individual young scientist from a developing nation for making outstanding contributions to research in Sun-Earth Systems Science that further the understanding of both plasma physical processes and their applications for the benefit of society. The award is open to scientists who received their Ph.D. degree after June 1, 2003 and currently live and work in developing nations. Consideration is to be given to candidates who have overcome obstacles in attaining their research objectives.

The Space Physics and Aeronomy Section will invite the recipient to present a paper at AGU's Fall Meeting in San Francisco, California. Travel funds and living expenses will be provided to attend the meeting, where the recipient will also receive a certificate of appreciation and three years' membership to AGU. The award will be presented at the SPA dinner, for which the awardee will receive a complimentary ticket. The awardee will also be announced in Eos.

Nominations should be prepared by an AGU member or other geoscientist who is knowledgeable of the candidate's qualifications and include the following information:

- nominator's name and title, address and contact numbers;
- nominee's name and title, institutional affiliation, and address;
- a statement (not to exceed 2 pages) of the action(s) or achievement(s) for which the candidate is nominated;
- two letters of support from AGU members or from other recognized geoscientists belonging to institutions other than that of the nominee;
- a curriculum vitae (not to exceed 3 pages).

A list of previous recipients of the award can be found at:

http://www.agu.org/about/honors/section_fg/spa/

The deadline for receipt of the nomination package is 1 June 2010.

Send nominations to:

American Geophysical Union

Attn: Leadership

2000 Florida Avenue, NW

Washington DC 20009 USA

Tel: +1-202-777-7502

E-mail: leadership@agu.org

You can also contact the Chair of the Sunanda and Santimay Basu Award

Committee with questions: Professor Jonathan Makela

jmakela@illinois.edu
