

# SNS • **SORCE** News Source



Solar Radiation and Climate Experiment Monthly Newsletter

April 2010

## *Solar and Anthropogenic Influences on Earth:*

*The Current Solar Minimum and Predictions for Future Decades*

### **2010 SORCE Meeting**

**Keystone, Colorado  
May 19-21, 2010**

*The final program and all abstracts are online:*

<http://lasp.colorado.edu/sorce/news/2010ScienceMeeting/index.html>

The meeting will be held at the *Keystone Resort Conference Center*. Lodging is at the beautiful *Keystone Lodge and Spa*, located right across the street from the Conference Center. A special SORCE rate of \$129/night has been negotiated for this luxury hotel. Call 1-800-258-0437 today and reference the group code CN3SRC. If you need other lodging options, please contact Vanessa George (Vanessa.George@lasp.colorado.edu).

Meeting registration, lodging and travel information, science program details, and special events (Dick White Celebration and Science Dinner) are posted on the SORCE Meeting website. We hope you will join us!

**Register Today – time is running out!**

**Important Deadline: April 16<sup>th</sup>**

#### Keystone Lodge

Call 1-800-258-0437, Reference: CN3SRC

Meeting Pre-Registration (\$275 fee goes to \$300)

<http://lasp.colorado.edu/sorce/news/2010ScienceMeeting/register.html>



## **Keystone Ranch Restaurant**

**Thursday, May 20, 6: 30 p.m.**

*There will be a Science Meeting Dinner for all attendees and their guests at the beautiful Keystone Ranch. This cozy historic 1930's homestead is where rustic elegance is combined with extraordinary cuisine. Very Colorado!*

*The Keystone Ranch is an award-winning restaurant, achieving a AAA Four Diamond rating, a top rating from Zagat, and is a Wine Spectator winner. After an interesting day of talks, please join us for this special dinner by registering when you register for the SORCE Meeting.*



**Register today!**

### Agenda (as of April 5<sup>th</sup>)

#### Tuesday, May 18

- 1:30 p.m. Oran R. (Dick) White Celebration  
"Where did the first 50 years go?"
- 5:00 p.m. Welcoming Reception

#### Wednesday - Friday, May 19-21

Session 1 – TSI: Comparison of Solar Cycle Minima and Recent Validation Results

**David Hathaway**, NASA Marshall Space Flight Center  
**Dick Willson**, NASA JPL  
**Claus Fröhlich**, PMOD/WRC, Switzerland  
**Wolfgang Finsterle**, PMOD/WRC, Switzerland  
**Devendra Lal**, Scripps Inst., Univ. of California

**Steven Dewitte**, Royal Meteorological Inst. of Belgium  
**Greg Kopp**, LASP, Univ. of Colorado  
**Alexander Shapiro**, PMOD/WRC, Switzerland

***Session 2 – Climate Changes: What’s the Future Going To Be?***

**Georg Feulner**, Potsdam Inst., Germany  
**Waleed Abdalati**, CIRES, Univ. of Colorado

***Session 3 – SSI: Solar Cycle Variation and Model Comparisons***

**Jerry Harder**, LASP, Univ. of Colorado  
**Will Ball**, Imperial College London, UK  
**Matt DeLand**, SSAI, Maryland  
**Cassandra Bolduc**, Université de Montréal, Canada  
**Tom Woods**, LASP, Univ. of Colorado  
**Jeff Hall**, Lowell Observatory, Flagstaff, Arizona  
**Gérard Thuillier**, Serv. Aéronomie du CNRS, France

***Poster Session/Reception*** (see online listing)

***Session 4 – Atmosphere and Ozone Changes: Has the Ozone Recovery Started Yet?***

**Rich Stolarski**, NASA GSFC  
**Joanna Haigh**, Imperial College London, UK  
**KK Tung**, Univ. of Washington, Seattle  
**Mark Weber**, Univ. of Bremen, Germany  
**Robert Cahalan**, NASA GSFC

***Session 5 – Space Weather Effects Observed During This Solar Cycle Minimum***

**John Emmert**, NRL, Washington DC  
**Liyong Qian**, HAO, NCAR, Boulder, Colorado  
**Dieter Bilitza**, George Mason University, Virginia  
**Giuliana de Toma**, HAO, NCAR, Boulder, Colorado  
**David Webb**, Boston College, Massachusetts

***Session 6 – Solar Physics: What Do We Learn About the Sun from this Unique Cycle Minimum?***

**Oran R. (Dick) White**, LASP, Univ. of Colorado  
**Eva Robbrecht**, George Mason University and the Royal Observatory of Belgium  
**Ken Tapping**, NRC, Herzberg Inst. of Astrophysics, BC, Canada  
**Leif Svalgaard**, Stanford University  
**Paul Charbonneau**, Univ. of Montreal, Canada  
**Mausumi Dikpati**, HAO, NCAR  
**Joan Feynman**, JPL, Inst. of Technology, California  
**Ken Schatten**, ai-solutions, inc.  
**Marty Snow**, LASP, Univ. of Colorado  
**Richard Mewaldt**, Caltech

***SORCE Science Dinner – Keystone Ranch***  
*Thursday, May 20, 6:30 p.m. (see ad – page 1)*

***Session 7 – Recommendations for the Future: How to Improve the Climate Data Record?***

**John Bates**, NOAA, Boulder, Colorado  
**Peter Pilewski**, LASP, Univ. of Colorado  
**Bill Collins**, Univ. of California, Berkeley  
**Dean Pesnell**, NASA GSFC

~ ~ Please join us! ~ ~



**1,382,930**  
**Hits to the SORCE Website**  
*(Since 4/21/03, As of 4/2/10)*  
*That's exactly 7 years!!!*

***Upcoming Meetings / Talks –***  
*SORCE scientists plan to present papers or attend the following 2010 meetings:*

- WMO-BIPM Workshop (Measurement Challenges for Global Observation Systems for Climate Change Monitoring), March 30-April 1, Geneva, Switzerland
- SORCE Science Meeting, May 19-21, Keystone, Colorado**
- American Astronomical Society /Solar Physics Division (AAS/SPD), May 23-27, Miami, Florida
- Global Change and the Solar-Terrestrial Environment Workshop, Aspen Global Change Institute, Aspen, Colorado, June 12-17
- 38th Scientific Assembly of the Committee on Space Research (COSPAR), July 18-25, Bremen, Germany
- AGU Meeting of the Americas, August 8-13, Foz do Iguassu, Brazil
- AGU Fall Meeting, Dec. 13-17, San Francisco, California

To submit information to this newsletter, please contact:  
[vanessa.george@lasp.colorado.edu](mailto:vanessa.george@lasp.colorado.edu).