

HEPPA SOLARIS 2012

High Energy Particle Precipitation in the Atmosphere
SOLAR Influences for SPARC (Stratospheric Processes and their Role in Climate)

Second Announcement for the 4th International HEPPA Workshop in conjunction with SPARC/SOLARIS

9-12 October 2012

National Center for Atmospheric Research, Boulder, Colorado, USA

<http://www2.acd.ucar.edu/heppasolaris>

(This web site will be updated soon with meeting schedule, registration and abstract submission instructions, and information on meeting logistics.)

Registration Fee: \$400

Registration Deadline: Friday, 17 August 2012

Abstract Deadline: Friday, 17 August 2012

Funding: A limited amount of funding is available for students and scientists in need of assistance. Instructions for applying will be found on the registration link.

Please join us for a four-day workshop focused on observational and modeling studies of the influences of solar radiation and energetic particle precipitation (EPP) on the atmosphere and climate. The meeting will last four full days, beginning Tuesday morning, 9 October. Broad topics to be covered include the causes and phenomenology of solar radiation and energetic particle variability, mechanisms by which radiative and particle forcing affect atmospheric chemistry and dynamics, contributions of solar and EPP forcing to climate variability and space weather, and the current state of the art and outlook for relevant observations and models.

Format: Because of the interdisciplinary nature of this workshop, there will be several plenary sessions during which invited tutorials and overview talks will be geared toward the general audience. All contributed presentations will be given in the form of posters, for which individual, sequential sessions will be scheduled. All contributors will be given the opportunity to present a one-slide summary of their posters in the oral plenary sessions. Lively discussions will be encouraged, with abundant time for collegial interactions during poster sessions. The last day of the meeting will be reserved for the HEPPA and SOLARIS model/measurement inter-comparison working groups, which are open to all interested participants.

Invited talks will be given by: Bernd Funke, Larisa Goncharenko, Lesley Gray, Richard Horne, Charles Jackman, Dan Marsh, Katja Matthes, Jerry Meehl, Peter Pilewskie, Craig Rodger, Annika Seppälä, Nathan Schwadron, and Ilya Usoskin.

Contact Information:

Cora Randall
University of Colorado, 600 UCB
3665 Discovery Drive
Boulder, Colorado, USA
80303
email: cora.randall@lasp.colorado.edu

Scientific Committee:

Scott Bailey, Bernd Funke, Kuni Kodera, Manuel López-Puertas, Katja Matthes, Jerry Meehl, Cora Randall (chair), Aaron Ridley, Craig Rodger, Gabriele Stiller, Esa Turunen, Pekka Verronen

Local Organizing Committee:

V. Lynn Harvey, Dan Marsh
Cora Randall, Stan Solomon

Many thanks to our sponsors:



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