

Project Details

ROSES ID: NNH06ZDA001N

Selection Year: 2007

Program Element: Independent Investigation

Topic: Investigate the Global Distribution, Sources and Effects of Large Electron Density Gradients at Middle and Low Latitudes

Project Title:

NASA Living With a Star Workshop

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Project Member(s):

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Summary:

We request support for the organization of a Living With a Star scientific workshop that will focus on the magnetic couplings and plasma interactions from the solar interior to interplanetary space, on solar irradiance variations, and on geospace and atmospheric scientific topics relevant to the LWS program. The meeting will be hosted by the NCAR High Altitude Observatory in Boulder, Colorado in the fall of 2007. It is expected to bring together approximately 300 active scientists and students from all branches of Heliophysics. This meeting comes at a time when the first strategic LWS mission, SDO, is only a year from launch, when Solar-B and STEREO will have been observing the Sun and heliosphere for several months, and while many other NASA missions continue to provide a Great Observatory view of the Sun, heliosphere, and geospace. The Scientific Organizing Committee will include scientists from the SDO, STEREO, and Solar-B missions, representatives of the currently active Heliophysics Great Observatory fleet, heliospheric and geospace scientists, and NASA/HQ representation from the LWS executive. The Local Organizing Committee will include scientists and support personnel from the High Altitude Observatory and other scientific organizations in Boulder. Administration and management of the meeting will be performed by the UCAR Visiting Scientist Program under the direction of the Local Organizing Committee. The requested funds will be used mainly for student support, coordination and management of student support, and to lower the registration fee for all participants by covering some of the logistical costs.

Publication References:

no references