



Solar Physics

Special IYA2009 Task Group

Brief description:

During the last CAP conference it became clear that the solar science community is under represented within the current preparation stage of IYA.

This is probably due to the present focus on the International Heliophysical Year 2007. We believe that solar science has an enormous potential for Educational and Public Outreach activities inside the IYA2009. Further, it is important to represent Solar science during the IYA, for the public to understand the particular relation of the Sun with the rest of the Universe, and thereby the place of Solar science in Astronomy. Our aim is to suggest, organize and support solar related events for the IYA and to be the reference desk for solar matters.

Task group:

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Draft Plan

A) Ideas to fit the corner stone projects:

-The Galileoscope

Suggest and prepare an the attachment of at least illustrative instructions to observe the Sun (WITH CAUTION AND SUPERVISION OF ADULTS)

- Cosmic Diary

Suggest to Include an observational solar researcher, to communicate the peculiar characteristics of solar observers.

-The Portal to the Universe

Include solar observatories, institutes, links to websites where beautiful images are easily accessible: best of SOHO, spaceweather.com, STEREO, etc...

-She is an Astronomer

Suggest to include full time solar physicists.

-Astro&World Heritage

Identification, safeguarding and promotion of solar ancient facilities like (Stonehenge, Newgrange, Macchu Picchu & Inca valley, Mayas, ...)

-Galileo Teacher Training Prog.

Provide material for the training (photos, brochures, videos, ppt, posters...)

-Universe Awareness

Provide material (cartoons, Braille image cards, ...)

-Universe from Earth

Contact institutions to promote the creation of images.

- *100 Hours of Astronomy*

Set-up real time solar observations with webcams all around the world

Contact HINODE, STEREO, SOHO, ... to provide special events.

Articulate a procedure to communicate impressive events that may occur (solar flares, CME, auroras, ...)

Contact institutions to prepare open doors day during this time.

Collaborate with star parties to start little bit sooner and do some solar observations

Contact ground base observatories to allocate time for real time observations
(interactive through Internet and worldwide)

B) Promote new events and contact local organizers to support them.