

IHY Database and Operations

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“How IHY Works”

Elements in the presentation:

IHY Global Heliospheric Campaign (described in this presentation)
Newsroom (presentation was based on the IHY Newsroom page at <http://ihy2007.org/>): Team members are requested to post exciting new information to the Newsroom portion of the IHY site

Newsletter: team members are encouraged to send updates and information to the IHY Newsletter editor K. S. Balasubramaniam: bala@nso.edu Teams are also encouraged to set up national newsletters.

Observatory Database (described in this presentation)

Events Database (presentation was based on the IHY “Events” page at <http://ihy2007.org/>): Please use the Events page to list all IHY and heliophysics activities, and please check the site when planning your events to ensure that there aren’t unfortunate

IHY Wiki: The IHY Wiki is at <http://ihy2007.org/wiki/> please obtain the username and password directly from me

IHY “MyADS” (described in this presentation)

International Global Explorer Campaign

A Program of International Cooperation
during the International Heliophysical Year
2007-8

Heliophysics Global Campaign Rationale

The optimal characterization of the 3-D interconnected Solar-Planetary-Heliosphere System, with the participation of all available observatories to obtain the most ideal measurements for the understanding and modeling of the system.

Proposed Interval: December 2007 - January 2008

- Solar Minimum the “optimal” time period
- Approximately six weeks: one “heliospheric rotation” (solar rotation + solar wind transit time to Ulysses orbit)
- After Fall 2007, the THEMIS and STEREO orbits are most suitable for the 3-D characterization studies, and New Horizons mission will have many observations en route to Pluto
- Ulysses will be completing its “fast latitude scan” and will be observing over the Northern solar pole for ideal 3-D connection
- Explorer I launch on January 28, 1958: 50th Anniversary of Space Discoveries!

Heliophysics Global Campaign Logistics

- Modelers play a major role in the planning of this campaign in order to obtain ideal information to improve our understanding of the system (Whole Sun Month model, CCMC, SEC and other groups are willing to lead)
- Hundreds of IHY Instruments will be ready to participate: this will be the largest coordinated space science activity.
- All IHY instruments participate. Although the major missions will be popular for IHY CIPs, many of the participating smaller or less-known observatories will not be as eagerly recruited for CIPs. All IHY instruments are welcome and necessary for success.
- IHY Data System Interface to track and report observations and make the data easily available

MyADS

- The Abstract Data System (<http://adsabs.harvard.edu>) features a customizable interface which allows users to be updated on publications and talk abstracts featuring their topics and authors. This service is called “MyADS.”
- An interface is being developed for IHY publications and abstracts, so users can be aware of recent papers and talks on IHY. The interface will feature a special query that restricts the search to only IHY topics and activities.

From: Abstract Service <ads@cfa.harvard.edu>
Subject: myADS Notification Service
Date: November 30, 2006 11:44:53 PM GMT+05:30
To: Barbara Thompson



**myADS Personal Notification Service
for Barbara Thompson
Thu Nov 30 13:14:51 2006
Physics database**

ADS Main Queries

[Astronomy](#)
[Physics](#)
[arXiv e-prints](#)
[FAQ](#)
[What's new](#)

THOMPSON, BARBARA - Citations (total 2565)

[2006EPJD...40..247B](#): Belkacem,+ A molecular dynamics description of clusters in strong laser fields
[2006PhRvA..74d3204W](#): Walters,+ Interaction of intense vuv radiation with large xenon clusters
[2006JPhCS..48.1112J](#): Jwo,+ An Innovative Measurement for Testing the Nanocatalyst Degradation Efficiency of NH₃
[2006AnGeo..24.2743W](#): Willis,+ The presence of large sunspots near the central solar meridian at the times of modern Japanese auroral observations
[2006JPhB...39L.313B](#): Borisov,+ LETTER TO THE EDITOR: Single-pulse characteristics of the Xe(L) amplifier on the Xe³⁵⁺ (3d-->2p) transition array at lambda cong 2.86 Å

Current Tables of Contents

[Geophysical Research Letters](#)
[Journal of Geophysical Research A \(Space Physics\)](#)
[Journal of Geophysical Research D \(Atmospheres\)](#)
[Recent Astro-PH](#)

SOLAR OR, etc - Recent Papers

[2006AGUFMSH53C..01M](#): Mewaldt Probing the Sources of Energetic Particles Close to the Sun with the Solar Sentinels, Solar Orbiter, and Solar Probe Missions
[2004AIPC..719..117I](#): Intriligator,+ Dynamics of the Outer Heliosphere
[2002AnGeo..20..891B](#): Berdichevsky,+ Halo-coronal mass ejections near the 23rd solar minimum: lift-off, inner heliosphere, and in situ (1 AU) signatures
[2006AGUFMSH32A..04H](#): Howard,+ Coronal Mass Ejection Evolution in the Inner Heliosphere -- Geometry and Speed
[2006AGUFMSH21A0318O](#): Owens,+ Can coronal mass ejections reverse the open field polarity over the

Favorite Authors - Recent Papers

[2002AnGeo..20..891B](#): Berdichevsky,+ Halo-coronal mass ejections near the 23rd solar minimum: lift-off, inner heliosphere, and in situ (1 AU) signatures
[2006AGUFMED52A..02R](#): Rabello-Soares,+ The International Heliophysical Year Education and Outreach Program
[2000AIPC..528..127G](#): Galvin,+ Abundance variations and fractionation effects in a gradual SEP event
[2006AGUFM.T13A0486S](#): Schubnel,+ Fluid-induced rupture of a fault gouge analogue in the laboratory: premonitory activity, aftershocks and stress induced acoustic activity fluctuations
[2006AGUFMED54A..09T](#): Thompson,+ International Education Opportunities During the IHY: Bridging the Geographic, Cultural and Linguistic Divide Between Participating IHY Nations

Search Recent Papers

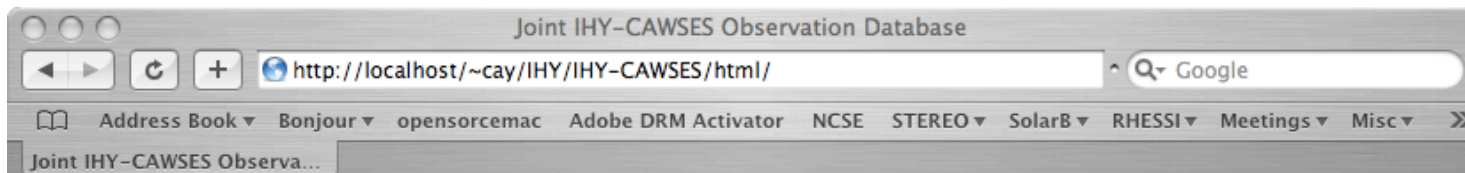
Author
Subject

[Update myADS Settings](#)

Joint IHY-CAWSES Observation Database

The IHY-CAWSES Observation Database's purpose is to catalog data sources around the world and make the worldwide community aware of the diverse data sources available.

- Observers register their data products
- Users can search the database for data of interest
- Content management system using PHP and MySQL
- Web site encourages observers to make their data available through the VSO or other Virtual Observatory interfaces



Joint IHY-CAWSES Observation Database

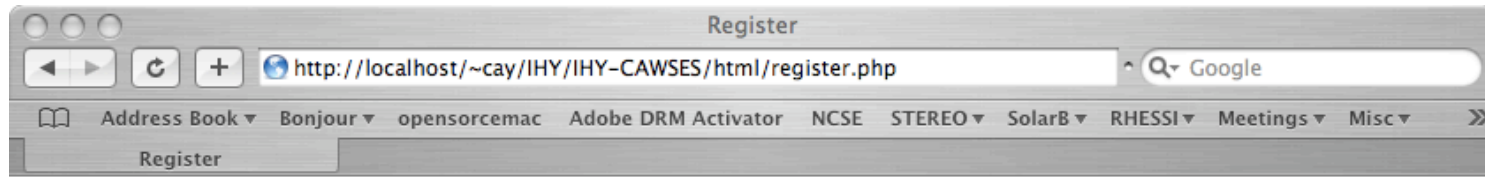
Welcome

The IHY-CAWSES Observation Database is a simple catalog of heliophysical data sources around the world. This database is intended to make the worldwide community aware of the diverse data sources available. It is a simple database that allows observers with data to share their data.

If you have data to share then select the "Add an Observations" menu item. You then create a user account that allows you to then add observation datasets to the database. If in the future you want to update the observation or create new ones, you login using your user account. If just want to search observations in the database then select the "Search Observations" menu item. Lastly, if you would like to also make your data available throught the Virtual Solar Observatory (VSO), we encourage you to select the "VSO" menu item to find out how.

[Home](#)
[Search Observations](#)
[Add an Observation](#)
[VSO](#)

Data providers register



Joint IHY-CAWSES Observation Database

Register

First Name:

Last Name:

Email Address:

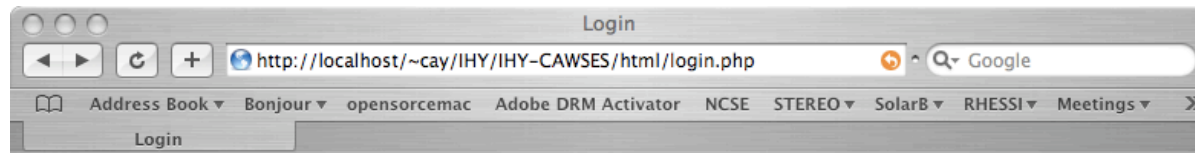
Password: Use only letters and numbers. Must be between 4 and 20 characters long.

Confirm Password:

Register

[Home](#)
[Search Observations](#)
[Add an Observation](#)
[VSO](#)

They login



Joint IHY-CAWSES Observation Database

Login

Your browser must allow cookies in order to log in.

Email Address:

Password:

Login

[Home](#)
[Search Observations](#)
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[VSO](#)

They add a dataset

The screenshot shows a web browser window with the title 'Add an Observation'. The address bar contains the URL 'http://localhost/~cay/IHY/IHY-CAWSES/html/add_observation.php'. The browser's address book shows several entries, including 'Bonjour', 'opensorcemac', 'Adobe DRM Activator', 'NCSE', 'STEREO', 'SolarB', 'RHESSI', 'Meetings', and 'Misc'. The main content area of the browser displays the 'Joint IHY-CAWSES Observation Database' header and the 'Add an Observation' form.

Joint IHY-CAWSES Observation Database

Add an Observation

[Home](#)
[Search Observations](#)
[Add an Observation](#)
[VSO](#)

Observation Information

Contact Name:
Contact Email:
Observatory:
Instrument:
Short Description:
Observation URL:
Observation email:

Longer Description of Observation

Something like: My data is really cool it has groovy numbers about many groovy things.

Start date: End date:
Start time: End time:

Data Type:

Users can then search for data

Search Observations

http://localhost/~cay/IHY/IHY-CAWSES/html/search_observation.php

Address Book Bonjour opensorcemac Adobe DRM Activator NCSE STEREO SolarB RHESSI Meetings Misc

Search Observations

Joint IHY-CAWSES Observation Database

Search Observations

Home
Search Observations
Add an Observation
VSO

Search parameters

Observatory:

Instrument:

Start date: End date:

Start time: End time:

Data Type:

Search

Virtual Workshops

- Software written by Robin Barnes JHU/APL
- PPT/PDF -> convert to web page presentations
- Movies, animations, enabled

IHY/CAWSES Virtual Workshop held Nov 13-17, 2006

- 84 presentations
- 250 participants
- 100,000 web hits

IHY Outreach Virtual Workshop: May (?) 2007