



NHSC Mini-Workshop OT2 Proposal Planning

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Objective and Scope of the NASA Herschel Science Center (NHSC)

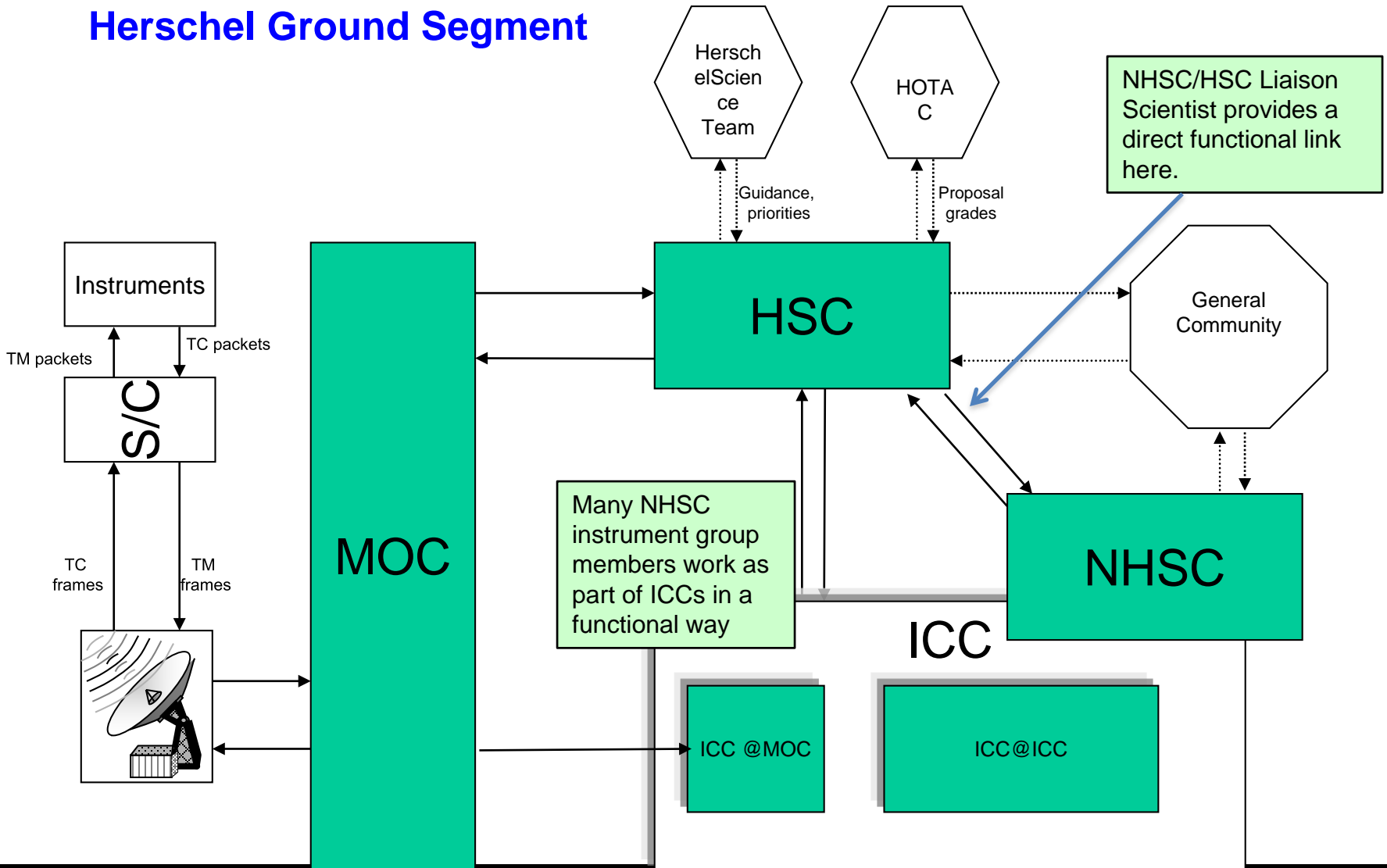
The NHSC has been established at the Infrared Processing and Analysis Center (IPAC) at the California Institute of Technology under support from NASA.

NHSC began operations in 2001 and will continue to operate throughout the lifetime of the Herschel Mission, including the post-cryogen archival phase.

The primary mission of the NHSC is to support the US-based astronomical community in exploiting the Herschel science opportunity, at a level equivalent to that provided to the European Community by ESA's Herschel Science Centre.

We are your primary resource for US based investigators

Herschel Ground Segment



Herschel Observer Support

NHSC Support Tasks

- ✓ Provide resources and tools to help US Community exploit Herschel science through scientists and software engineers embedded in project at all levels (resources include workshops, web-tutorials and on-line videos etc).
- ✓ Administration of data analysis grants for US-based observers.
- ✓ Preparation and support of Herschel-specific data reduction software.
- ✓ Observation planning support, including workshops and AOR revision and including support in the submission of observing proposals
- ✓ Advocate US user needs within HSC and ESA, including membership of Data Processes sing Advocacy Group (DPUG), and hosting of NHSC User Panel
- ✓ Program tracking and data retrieval
- ✓ Facilitate US-based Community Engagement including Science with Herschel
- ✓ Provide facilities for special needs, such as large-scale computing

Recent Support Activities-Community Support

Workshops and Data Schools

- Post-launch NHSC Data School (June 23-30 2010)
- NHSC New Users DP Workshop (Feb 2-9 2011)
- NHSC Data School Planned for Fall 2011

Scientist Visits

- Almost continuous flow since Nov 2009

OT Liaison Activation

- Most teams have found NHSC liaisons useful

OT Wiki sites for teams and mail lists

AAS Meetings: Booth and Special Session Support

Helpdesk Support: Considerable Traffic (Statistics later)

Phone/WebEx support: of remote individuals with problems

OTKP and OT1-2 Scheduling AOR Advocacy

NHSC Helpdesk <http://nhsc.ipac.caltech.edu/helpdesk>

Support Center

Register
Register with the NHSC help desk so you can submit tickets.

Knowledgebase
View categorized listing of all common frequently asked questions.

News
View Herschel news and announcements.

Popular Knowledgebase Articles

Articles	Views
Where to go for additional information	57469

Latest Knowledgebase Articles

Articles	Date Added
Importing SDP data into HIPE	06 Dec 2009 09:01 PM
Using hcss v1.0 with Java 1.6.13	29 Jun 2009 10:43 AM
Are Point Spread Functions (PSFs) available for PACS?	29 May 2009 05:39 PM
Mac requirements for Hipe	13 Nov 2008 10:57 AM

Home | Register | Knowledgebase | News

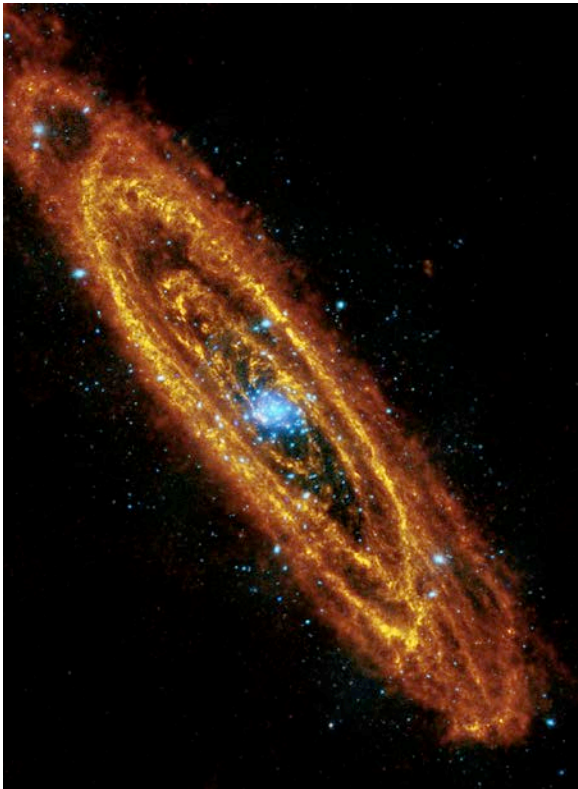
Language: English (U.S.)

Help Desk Software By Kayako eSupport v3.10.02

- Has been fully operational since Jan 2007
- NHSC Response:
 - Provide initial OST acknowledgement
 - Ticket forwarded immediately to expert who responds directly within 2 business days
 - In rare case that we are unable to assist, we open and follow-up with European help desk ticket.
- Average response time < 1 business day (often ~ 2-5 hrs)

- Helpdesk is used for email communications to user groups
- OST has access to the European helpdesk which uses the same system.
 - We monitor their tickets and they monitor ours.
- Spitzer Science Center has adopted the same helpdesk system

NHSC Remote Computing Resources for US-based Observers



- Provide remote access to large-memory computing (4 68GB machines, 1 126GB)
- 8 processors (modern AMD Shanghai CPUs)
- 25 virtual machines can exist in a safe secure environment with large data storage and retrieval
- Local and remote support available

Access via the nhsc helpdesk

<https://nhscsci.ipac.caltech.edu/helpdesk>

submit ticket under

Remote Access Computing department



February 2011



*NASA Herschel
Science Center*



THE OT2 OPPORTUNITY



Important Proposal Deadlines

- **ESA OT2 AO for Observing Time : Sep 15 2011 -- 12:00 UT**
Due at ESA via HSpot submission
(http://herschel.esac.esa.int/AO_HowTo.shtml). The detailed “Policies and Procedures” document and other important documents relating to AO2 can be found at <http://herschel.esac.esa.int/Documentation.shtml>
- **NASA Call for Proposals for NASA Funding : Sep 23 2011 5pm PDT**
Due at NHSC via submission web page
<https://nhscsci.ipac.caltech.edu/sc/index.php/Proposals>

OT 2 Process and Timeline

- Offer observations until end of Cryo-phase (~3300 hours of Priority 1 time plus potentially up to 3850 hrs of Priority 2 time—both depend in practice on when the Cryogen runs out (assumed Feb 2013 and the above includes generous margins)
 - NHSC Mini-workshop on Proposal Planning (with remote participation)
 - Observing Proposal Submission deadline: 15 Sept 2011, 12:00 UT (at ESA)
 - Associated NASA Funding Proposals Due : 23 Sept 2011, 5pm Pacific (at NHSC)
 - Technical checking and HOTAC initial ratings: September-October 2011
 - HOTAC meets 8-11 November 2011
 - Announcement of results: ~ 22 November 2011
 - Final AOR updating by successful proposers: 27 Nov - 14 Dec (most by end of year)
 - Some OT2 AORs may get scheduled (mainly as fillers then) by 7 Dec 2011
- } IMPORTANT

What is required for the ESA AO call for Telescope Time

Consult the STEP-BY-STEP GUIDE http://herschel.esac.esa.int/AO_HowTo.shtml

- You MUST register as Herschel User at the ESA Herschel Site
<http://herschel.esac.esa.int/registration.shtml>
- Download the HERSCHEL PDFLaTeX PACKAGE (same form whether 1hr or 1000 hrs)
<http://herschel.esac.esa.int/Tools.shtml#HerschelFORM>
- WRITE PROPOSAL AND PLAN OBSERVATIONS WITH HSPOT
Check for Duplications-- It is mandatory to supply a complete set of AORs
- Submit the proposal via HSpot
Proposal can only be submitted by PI
- The PI can update the proposal as many times as they like up to deadline. Submit early—submit often!
- US-based investigators can request funding from NASA under the separate NASA Call for Proposals which has a due-date of July 23 (8 days after the ESA deadline)

The NASA Call for Proposals for Data Analysis (DA) Funding

Consult the NHSC Proposal Page

<https://nhscsci.ipac.caltech.edu/sc/index.php/Proposals>
and especially read carefully the call itself

https://nhscsci.ipac.caltech.edu/NHSC/uploads/Proposals/CP2_09June2011.pdf

- If Proposal is led by a US-based PI- they should be the PI of the NASA funding if a foreign PI, then a NASA PI should be designated. Before submitting a proposal, make sure your institution allows you to be to a PI on a funded proposal
- All DA proposals linked to Herschel OT2 programs selected by ESA for execution should be funded. The funding will be determined formulaically by the NHSC. The amount of funding will depend on the amount of effort to be provided by US-based investigators in support of the program as well as the program size and complexity.



February 2011



NASA Herschel Science Center



The NASA DA proposal is VERY SIMPLY : coversheet with attached PDF!

NASA Herschel Science Center Data Analysis Proposal (Open Time Cycle-1)

DEADLINE: Monday, August 2, 2010, 5pm PDT

Use this form to submit your DA proposal to the NHSC only if you are seeking NASA funding support. Enter the CoI information for the NASA CoIs you expect to fund, and provide a preliminary percentage for how the money should be distributed. If the proposal submitted to ESA is led by a U.S.-based investigator, this person should be the NASA PI. Otherwise, a U.S.-based co-I should be identified as the NASA PI of the DA proposal.

See <https://nhscsci.ipac.caltech.edu/sc/index.php/Proposals/Proposals> for more details.

If you experience any problems with your submission, please do not hesitate to contact our helpdesk by submitting a ticket to: <http://nhsc.ipac.caltech.edu/helpdesk/index.php> or (for time-critical situations) by contacting us directly by phone at the NHSC on 626-395-8570.

Proposal Information:					
ESA Proposal Number:	<input type="text"/>				
ESA Proposal Title:	<input type="text"/>				
NASA PI Information:					
First Name:	Last Name:	Email:	Institution:	State:	Percent:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	AL <input type="button" value="v"/>	<input type="text"/>
Co-Investigator Information: (Add another)					
First Name:	Last Name:	Email:	Institution:	State:	Percent:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	AL <input type="button" value="v"/>	<input type="text"/>
Comments: (optional)					
<input type="text"/>					
Upload ESA Proposal:					
Proposal (max size=20MB):	<input type="text"/>				<input type="button" value="Browse..."/>

You will need the ESA Proposal # and title

Only one proposal per ESA proposal

All US Co-I requesting funding should be listed

You will need to name a NASA PI if you are a Co-I of a foreign-led proposal

Now lets hear more about the
observing proposals from
David Ardila
The NHSC/HSC Liaison