









Photodetector Array Camera and Spectrometer: overview, photometer data products and calibration tree

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The PACS team













Expectations & Goals

- Learn HIPE
 - Become familiar with the GUI concepts and how to use it to execute pipelines and explore your data
- Learn where to find templates data reduction scripts and how to use them
 - ... and import and execute custom scripts
- Learn how to read/ingest your data in HIPE
 - ... and how to connect to HSA from HIPE
- Learn how to process PACS data to Level 2+ products
- Learn about resources and support NHSC can provide for you
- Hands on sessions will use public data for demo purposes.











Workshop is organized in

Formal Presentations:

- Introduction to HIPE
- Introduction to PACS data processing
- Advanced reduction topics and tools

Hands-on sessions:

- Opportunity to apply data processing to actual demo PACS data, and
- Consult the experts on reduction details











Testing

- Do you have HIPE installed?
- Where is the data?
 - Should I have it already?
 - What if I don't?
 - How do I ensure I'm ready to go?
- Where are the scripts?
- What are tutorials?

We have allowed for some time to be used for testing your setup.





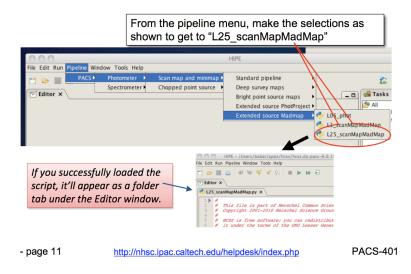






The on-line tutorials

- These are detailed step-by-step instructions on how to process PACS data.
- Series of self-guided training sessions covering all basic concepts and some advanced ones.
- Built in checks allow you to judge whether you are on the right track.
- NHSC provides support via the helpdesk.
- Available from the NHSC PACS data processing web page.













The data processing FAQ

- A reference for most commonly requested/ used data processing issues
- Maintained at the NHSC via the PACS data processing page
- Submit your FAQ today

nhse	PACS Data Processing Reference "How do I?"
ALL LOCAL COMPANY	On this page (show)
Search: Co Astronomer's Wiki * Astronomer's Page PACS * Home Page * Kay Info • Data Processing • Data Area (9) Help Desk (9) • Getting Dated • Nows (7) • FACs (7)	HCSS general What is HCSS? What is HCSS? What is HCSS? What is HEPE? What is the version of HIPE that I am using? What is the version of HIPE that I am using? What is my current directory? How do I change my current directory? How do I change the working temporary directory? Is it possible to include your own HIPE soripts in your HIPE path? What are the software versions that were used to generate the pipeline products? What are most commonly used properties? How to get data from HSA using script? Also add reference and/or link to our web tutorial How to get data from HSA using script? Also add reference and/or link to our web tutorial How to get data from a local store? How to get data from a local store?
Registration g ESA Help Desk g	How to retrieve products from an ObservationContext?
Wiki Help = Basic Editing = Documentation = Wiki Sandbox	3. FITS I/O and manipulation How to set meta data for a FITS header? How to save a Double2D array to a FITS file?
Edt SiteBer Log out beber	4. PACS Masks • How to get the master mask? • How to list all active masks? • How to set active and inactive mask? • How to create a new mask type?