*P*hotodetector *A*rray *C*amera and *S*pectrometer: overview, photometer data products and calibration tree

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10-11 September 2011

NHSC OT2 Workshop, Pasadenda

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.

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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

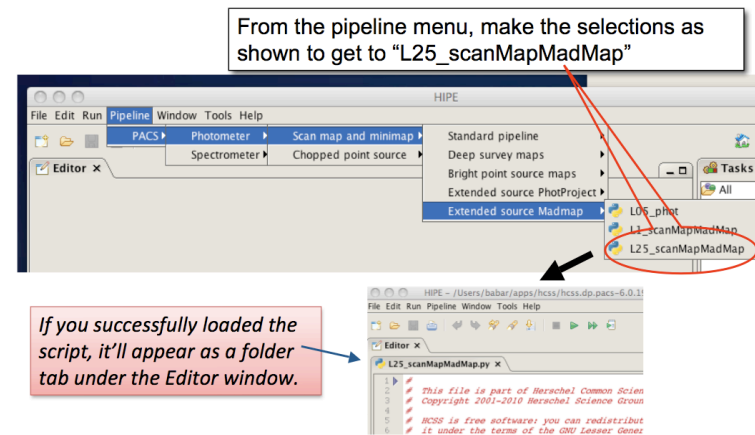- Consult the experts on reduction details

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.

From the pipeline menu, make the selections as shown to get to "L25_scanMapMadMap"

If you successfully loaded the script, it'll appear as a folder tab under the Editor window.

- page 11   http://nhsc.ipac.caltech.edu/helpdesk/index.php   PACS-401

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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

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