

ST-ECF Activities

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ST-ECF

Activities 2008 Q2+3

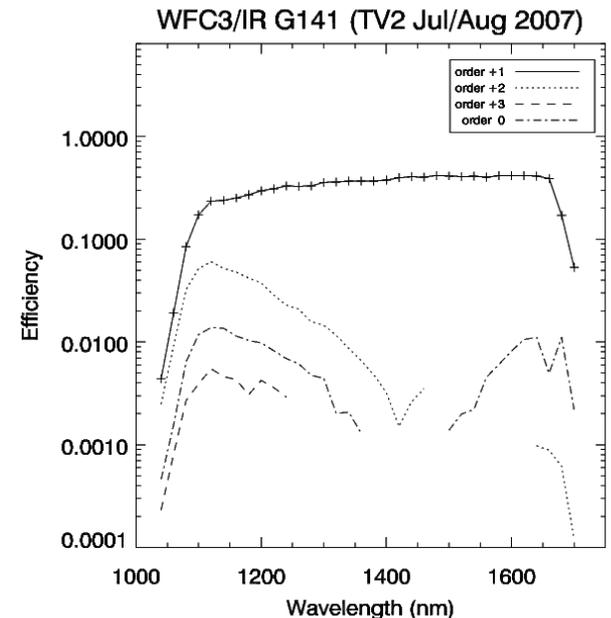
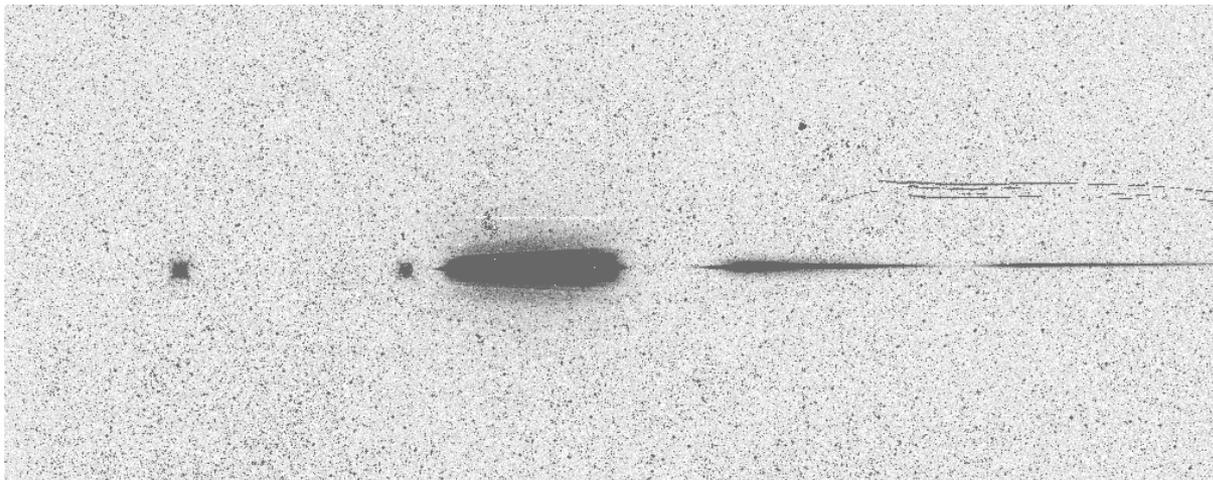
- HLA – DR1 NICMOS slitless spectra release and ACS slitless spectra progress
- Support for WFC3 slitless modes; handover/continuation beyond 2010
- Slitless simulations for ESA EUCLID and NASA JDEM missions
- HST archive – cached datasets
- Outreach
- Other – ESA/ESO Working Group Report and support for ESA HST extension

HLA activities

- 2470 NICMOS G141 spectra delivered in DR1. Refereed paper on pipeline and released spectra (Freudling et al. A&A, 490, 1165, 2008). Classification of spectra underway
- Uniform pipeline extraction of all ACS G800L slitless spectra. Estimate ~30000 spectra (to $m_{F775W} = 26$).
- Deep 'white light' association images under construction from all available filter data – irrespective of pointing, roll angle and filter
- Aim for spectra from two NICMOS UDF parallel fields – around 2000 spectra - in HLA DR3 release

WFC3 slitless modes

- ISR's on TV3 testing of NIR G101 and G141 grisms published and on UVIS G280 grism in prep.
- Development of calibration proposals for SMOV validation of NIR grism properties and calibration for Cy17 proposals (including G280L, SNAP proposal)



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HST archive activities

- In collaboration with CADC developed the HST Cache
“Immediate and programmatic access to all data products, reprocessed and calibrated with the best software and reference files at all times.”
- Fully automatic system to detect and process new datasets with identical systems at ECF and CADC
- In Python on Sun Grid Engine
- Metadata added according to CADC model (CAOM) and VO standards and including a footprint finder
- Online 01 Nov 2008. Currently available for WF/PC2 and STIS. ACS in process.

HST Outreach

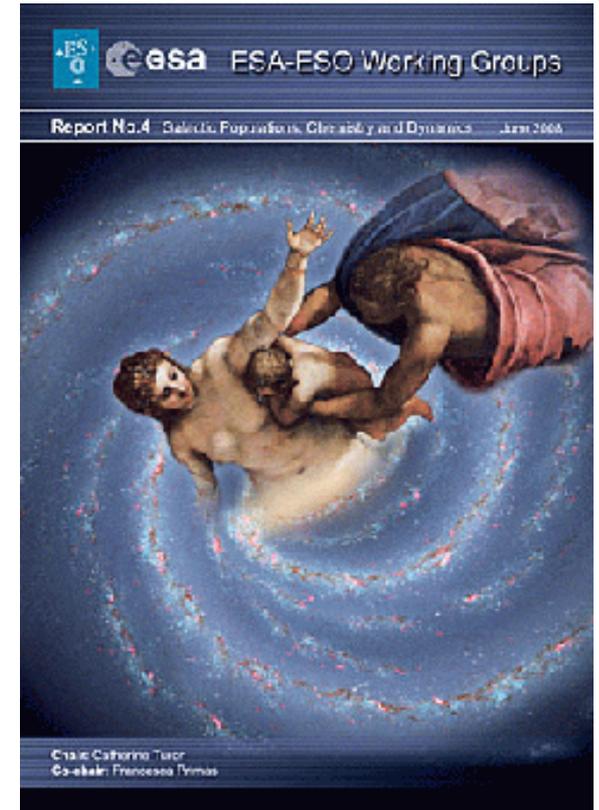
- Closer ties with ESO outreach group (now called ESO Public Outreach Office)
- Lars Christensen now head of ESO group, search for new Hubble European Information Centre head

ACS colour image of
NGC 1275
heic0817 Aug 2008



Coordination activities

- 4th ESA/ESO Working Group Report
Turon, C. et al.
Galactic Populations, Chemistry
and Dynamics



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