



# FP7 HELCATS – Gottingen Meeting WP8 Dissemination

[chris.perry@stfc.ac.uk](mailto:chris.perry@stfc.ac.uk)



# Overview

- Aim of the dissemination activity WP8 is to support the other work packages and the project as a whole in getting the results of the HELCATS work to broader heliospheric community and other interested parties outside the project.
- Runs from month 1 to month 36
  - Five tasks
  - Eight formal deliverables
- The consortium web site and wiki are key resources for the dissemination activities.

# Tasks

- T8.1: To publish the results of the studies in the professional literature, and present them at major international science meetings.

## Status:

- Per-WP publication list being maintained on the web site
- Please ensure details of any publications are sent to the SC mailing list so that they can be added
- Some presentations being added to *figshare* (as suggested by Peter at the last meeting)

## Work Package 4:

VERIFYING THE KINEMATIC PROPERTIES OF STEREO/HI CMES AGAINST IN-SITU CME OBSERVATIONS AND CORONAL SOURCES

Authors	title	Reference	doi:
Rollett T., C. Mostl, M. Temmer, R. A. Frahm, J. A. Davies, A. M. Veronig, B. Vrǎnak, U. V. Amerstorfer, C. J. Farrugia, T. Dic, and T. L. Zhang	Combined multipoint remote and in situ observations of the asymmetric evolution of a fast solar coronal mass ejection	T. Rollett et al. 2014 ApJ 790 L6	<a href="https://doi.org/10.1088/2041-8205/790/1/L6">doi:10.1088/2041-8205/790/1/L6</a>





see my profile on figshare

122 views

2 shares



   [Project Wiki](#) | [Contact Us](#)

## Presentations

COPIES OF HELCASTS PRESENTATIONS FROM VARIOUS EVENTS

### PRESENTATIONS

PRESENTATIONS FROM HELCASTS

Informing about key project milestones

2014-08-18: [HELCASTS Overview](#)

2014-05-14: [Kick-off Meeting](#)

2014-08-18: [HELCASTS Overview](#) **PDF**

This was the poster given at the 7th Solar Information Processing Workshop.

**Authors:** *Davies et al.*

**Abstract:** *The FP7 Heliospheric Cataloguing, Analysis and Technique Service (HELCASTS) project (start date 1st May 2014; duration 3 years) capitalises on European expertise in heliospheric imaging built up over the last decade, particularly by lead involvement in NASA's STEREO mission, whilst also exploiting the vast wealth of long-established European expertise in such areas as solar and coronal imaging, as well as the interpretation of in-situ and radio measurements of solar wind phenomena...*

# Tasks

- T8.2: To arrange annual, open meetings for the scientific community during the lifetime of the project.

## Status:

- Primarily work of the local organising committee, project coordinator and project scientist
- Links to meeting web-site from the consortium web site
- Collect presentations for inclusion on the web site (both internal meeting and open workshop)

# Tasks

- T8.3: To install all relevant documents, catalogues, publications on the project website.

## Status:

- Prototype pages developed on web site for currently delivered catalogues (WP2 and WP4).

## WP2 Catalogue

HELIOSPHERIC IMAGER CME CATALOGUE

The CME catalogue identified from the STEREO-HI instruments is shown below

This is version: TBD of the catalogue, released yyyy-mm-dd

Date range

PA mid: 0 to 360 degrees

PA width: 15 to 180 degrees

From  to

Search:  Show / hide columns

ID	Date [UTC]	SC	PA-N [deg]	PA-S [deg]	Quality	PA fit [deg]
HCME_A__20080213_01	2008-02-13 21:29	A	35	95	Good	65
HCME_A__20080224_01	2008-02-24 09:29	A	40	90	Good	65
HCME_A__20080612_01	2008-06-12 16:09	A	45	115	Good	75
HCME_A__20090514_01	2009-05-14 03:29	A	45	95	Good	75
HCME_A__20081227_01	2008-12-27 12:09	A	50	95	Good	75
HCME_A__20090218_01	2009-02-18 16:49	A	50	100	Good	75
HCME_A__20090726_01	2009-07-26 12:09	A	55	105	Good	75
HCME_A__20091031_01	2009-10-31 11:29	A	15	150	Good	80
HCME_A__20070516_01	2007-05-16 01:30	A	30	120	Good	80
HCME_A__20081212_01	2008-12-12 15:29	A	30	125	Good	80

Showing 1 to 10 of 72 entries (filtered from 228 total entries)

Select Copy Save Print Previous 1 2 3 4 5 ... 8 Next

# Tasks

Catalogues following the simple ASCII format defined by WP2

- Time: Use CSSDS/ISO8601 YYYY-MM-DDTHH:MM:SSZ
- Angles specified in degrees
- Speeds in km/s
- Coordinate systems HEEQ plus Carrington Longitude
- Format for event identifier
  - HCME\_A\_\_20070415\_01 (cat name \_\_ yyyymmdd \_ seq)
- Filename should include the cat name and version
- Fill values should be the same data type as the field
- Annotations should be as separate field
- Avoid complex fields containing multiple bits of information

Released catalogues will also be converted into VOTable for ease of assimilation into external VO systems.

Release strategy /approval is via the HELCATS SC

# Tasks

- T8.4: To integrate into relevant, established community facilities and websites, including the IRAP propagation tool, the AMDA data-mining tool, HELIO and the UKSSDC.

## Status:

- Activity ongoing as stable versions of catalogues are now starting to be released
- See next presentation for status of IRAP tools



# Tasks

- T8.5: To disseminate information and results to the public and policy makers.

## Status:

- Initial press release – reported at the last meeting
- Presentations promoting HELCATS have been made at various external meetings (including ESWW, AGU etc)
- Visibility of project made (e.g. in context of ESA SSA)
- Use of social media (twitter, facebook etc)

# Deliverables

## Work Package 8:

DISSEMINATION

Deliverable Number	Deliverable Title	Leader	Delivery Month
D8.1	<a href="#"><u>Publication in the professional scientific literature</u></a>	STFC	36
D8.2	Annual open meetings	STFC	36
D8.3	<a href="#"><u>Attendance/presentations at major science meetings</u></a>	STFC	36
D8.4	<a href="#"><u>Posting information on the website</u></a>	STFC	36
D8.5	Integration with community facilities and websites	STFC	36
D8.6	<a href="#"><u>Production of press releases, public talks</u></a>	STFC	36
D8.7	Integrate the J-map associated catalogues produced in HELCATS to the propagation tool	UPS	36
D8.8	Integrate Carrington Map associated catalogues in the propagation tool	UPS	36

# Summary

## First year's activities

- Good progress in a number of areas (web site, wiki, mailing lists, presentations, preliminary catalogue display)

## Next Steps

- Finalise catalogue pages on consortium web site (including links to external resources)
- Integrate with IRAP and UKSSDC tools to provide more advanced manipulation (cross-table queries etc).
- Develop additional resources for promotion of the project