
















# The Whole Heliosphere Within Reach

David Pérez-Suárez (TCD)  
&  
HELIO-Team

# THE TEAM

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	Universite Paris-Sud (IAS)	K. Bocchialini
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	University of Manchester	J. Brooke
	Trinity College Dublin	P. Gallagher
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	National Aeronautics and Space Administration (Heliophysics Science Division at GSFC)	D.A. Roberts
	European Space Agency (Science Operations Dept., Space Environment & Effects Dept.)	L. Sanchez

# Services



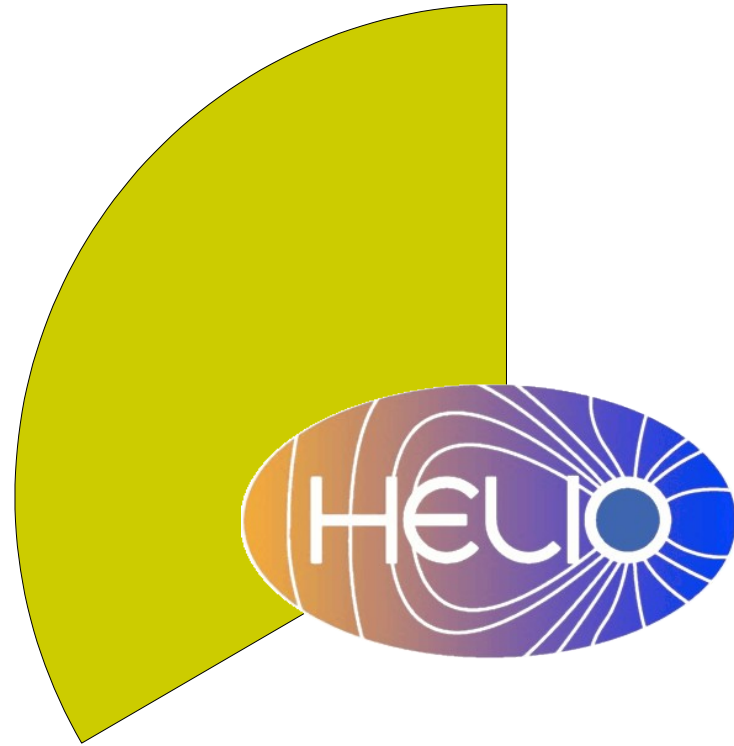
Virtual Solar Observatory

**Astro  
Grid**

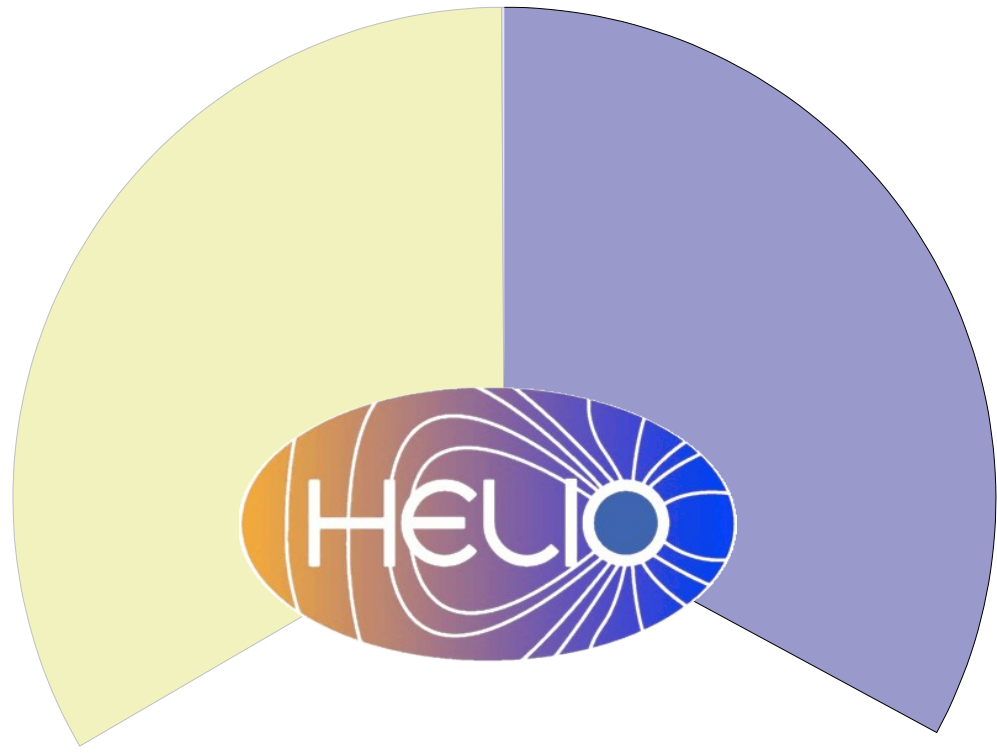
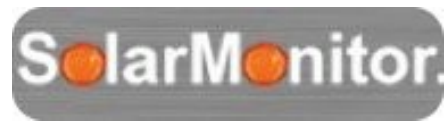


**VOTECH**

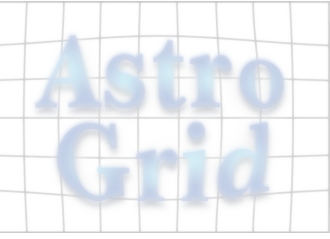
**SW NET**



# Services Research



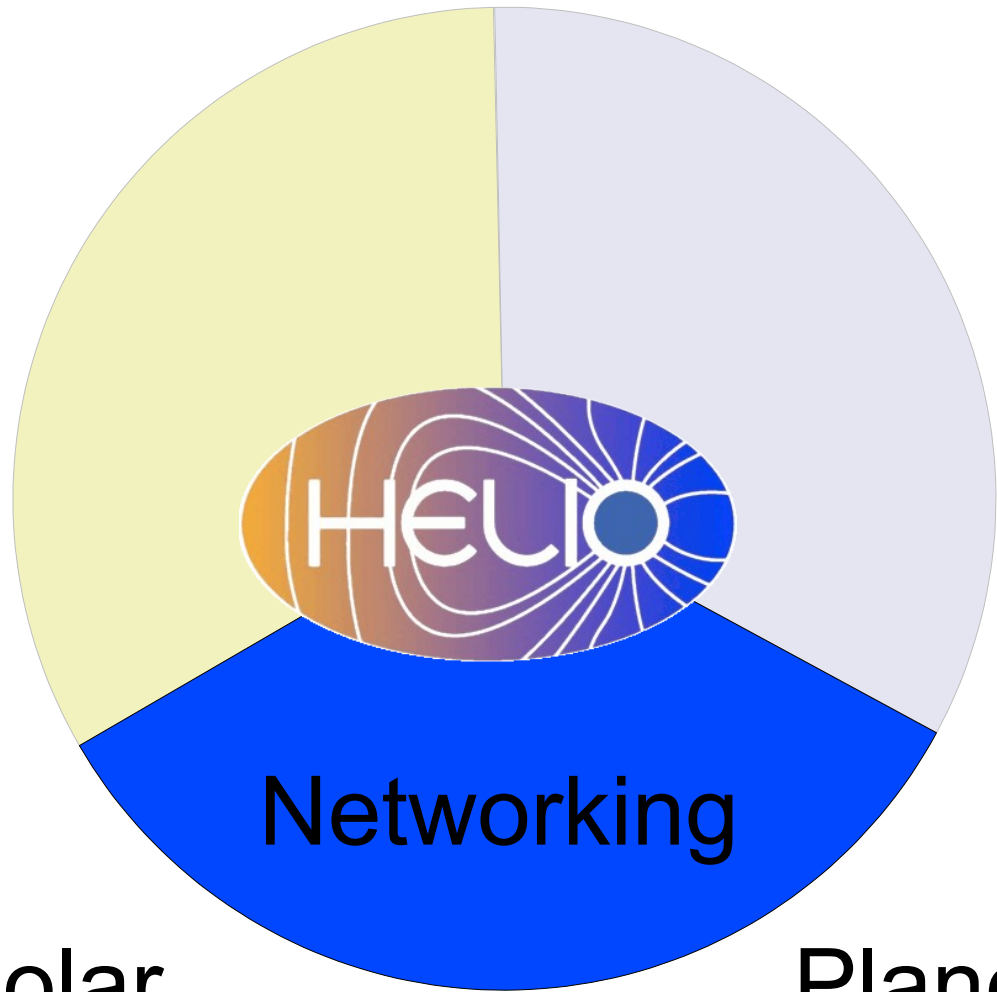
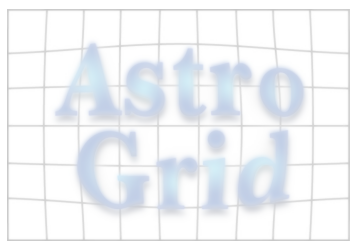
Virtual Solar Observatory



# Services Research



Virtual Solar Observatory

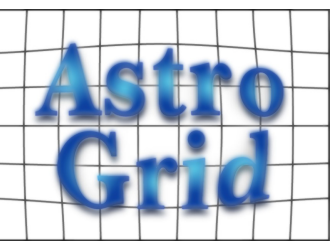


Solar  
Community

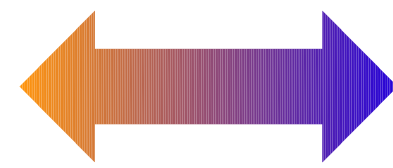
Planetary  
Community



Virtual Solar Observatory



Solar  
Community



Planetary  
Community



Using it...



Search







FLARE JUPITER

Search





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Search

Model: Simple Parker

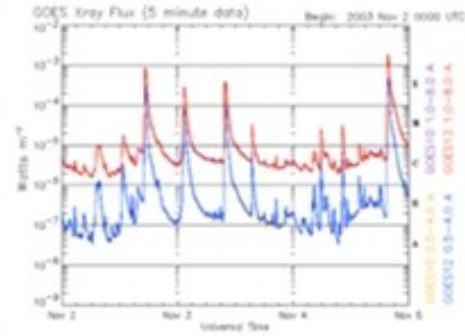
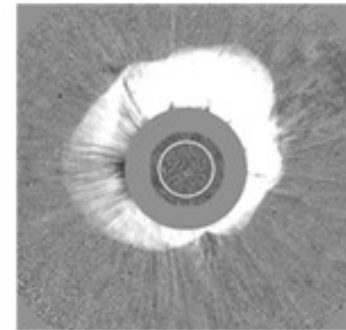
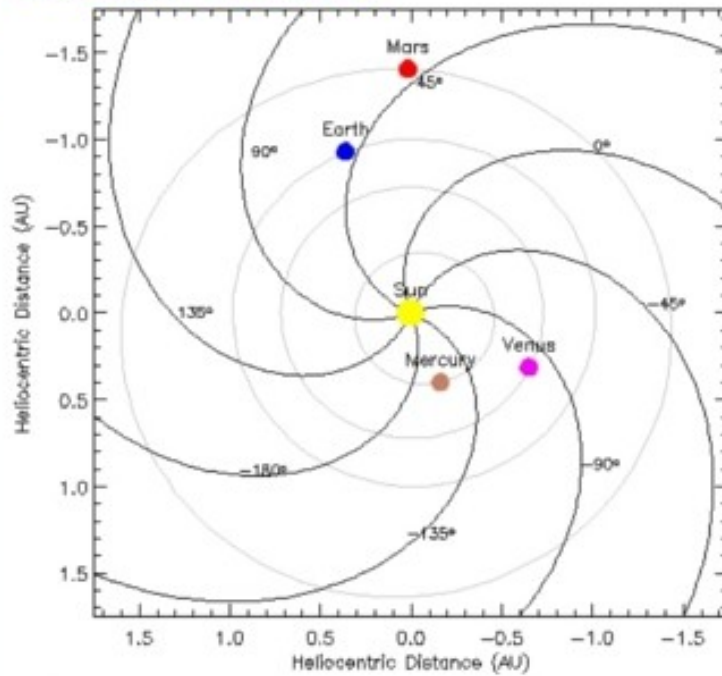
2003/11/01 ★★★★★

2009/05/01 ★★★★★

2002/01/02 ★★★★★

1999/03/08 ★★★★★

2003/11/01 ★★★★★



Instrument	Detector	Observation Type	Date Range
LACO	C2	Orange	12:07:47 11/10/2003 12:08:12 11/10/2003
LACO	C3	Orange	12:12:22 11/10/2003 12:13:52 11/10/2003
BT	BT	CME WATCH 135	12:15:19 11/10/2003 12:16:12 11/10/2003
LACO	C3	Clear	12:21:49 11/10/2003 12:22:08 11/10/2003
BT	BT	CME WATCH 135	12:26:22 11/10/2003 12:26:37 11/10/2003
LACO	C2	Orange	12:32:10 11/10/2003 12:32:35 11/10/2003
BT	BT	CME WATCH 135	12:36:45 11/10/2003 12:36:59 11/10/2003
LACO	C3	Clear	12:42:33 11/10/2003 12:42:52 11/10/2003



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Browse by time



Browse by instrument



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Model: Simple Parker

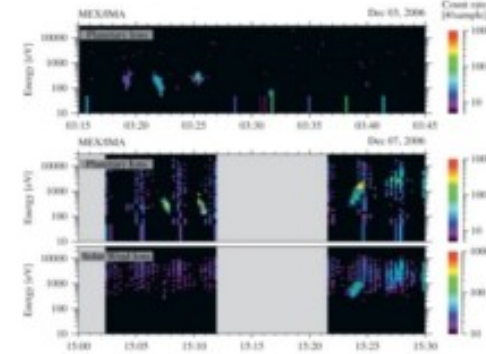
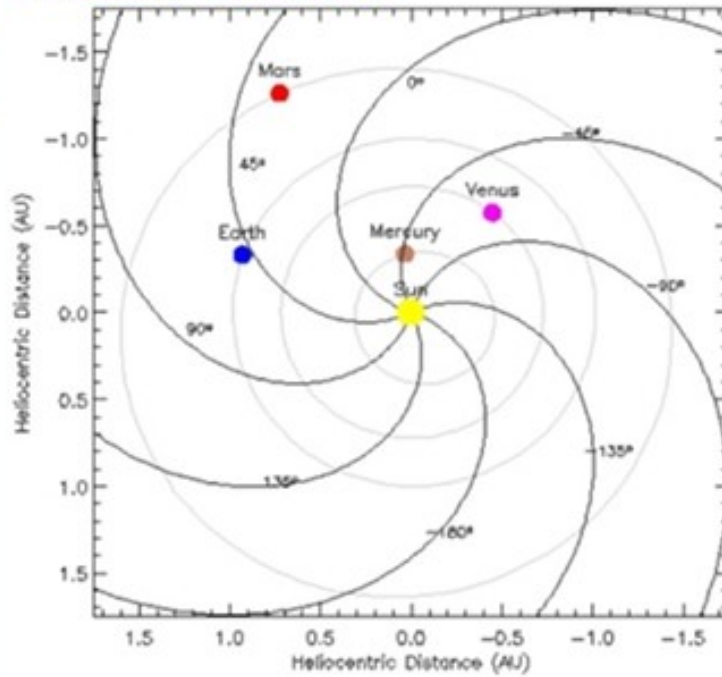
2003/11/01 ★★★★★

2009/05/01 ★★★★★

2002/01/02 ★★★★★

1999/03/08 ★★★★★

2003/11/01 ★★★★★



Instrument	Detector	Observation Type	Date Range
LASCO	C2	Orange	12:07:47 31/10/2003 12:08:12 31/10/2003
LASCO	C3	Orange	12:12:22 31/10/2003 12:13:52 31/10/2003
BT	BT	CME WATCH 195	12:15:59 31/10/2003 12:16:12 31/10/2003
LASCO	C3	Clear	12:21:49 31/10/2003 12:22:08 31/10/2003
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BT	BT	CME WATCH 195	12:36:45 31/10/2003 12:36:59 31/10/2003
LASCO	C3	Clear	12:42:33 31/10/2003 12:42:52 31/10/2003



Download All



Browse by time



Browse by instrument



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Search

Model: Simple Parker

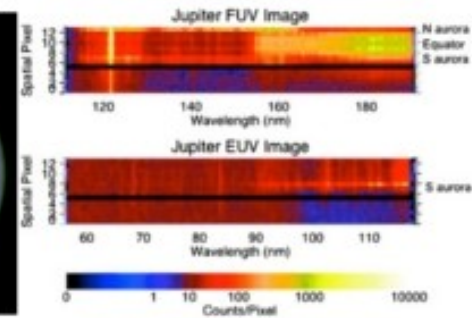
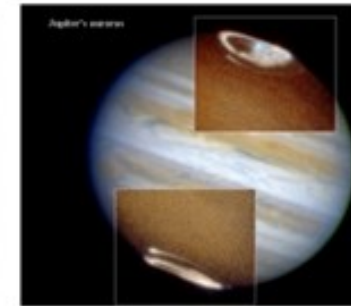
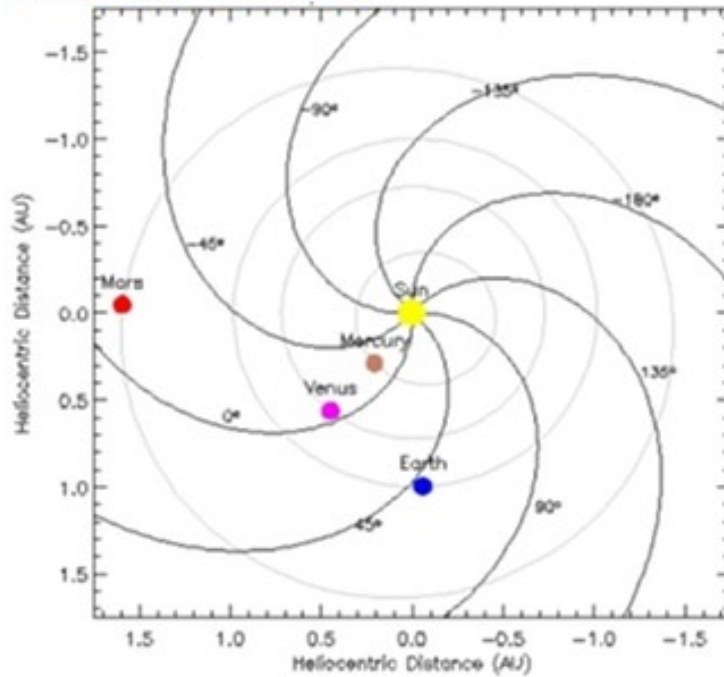
2003/11/01 ★★★★★

2009/05/01 ★★★★★

2002/01/02 ★★★★★

1999/03/08 ★★★★★

2003/11/01 ★★★★★



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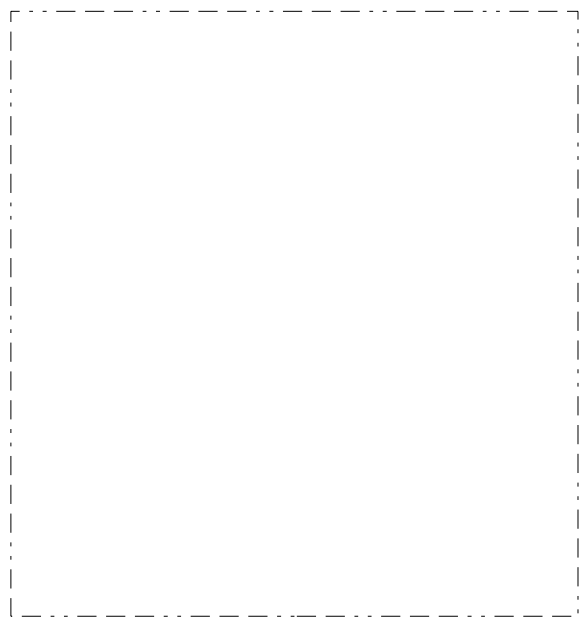
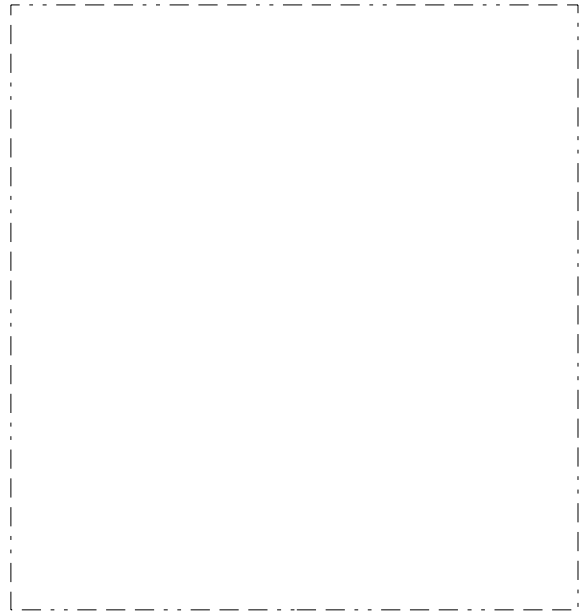
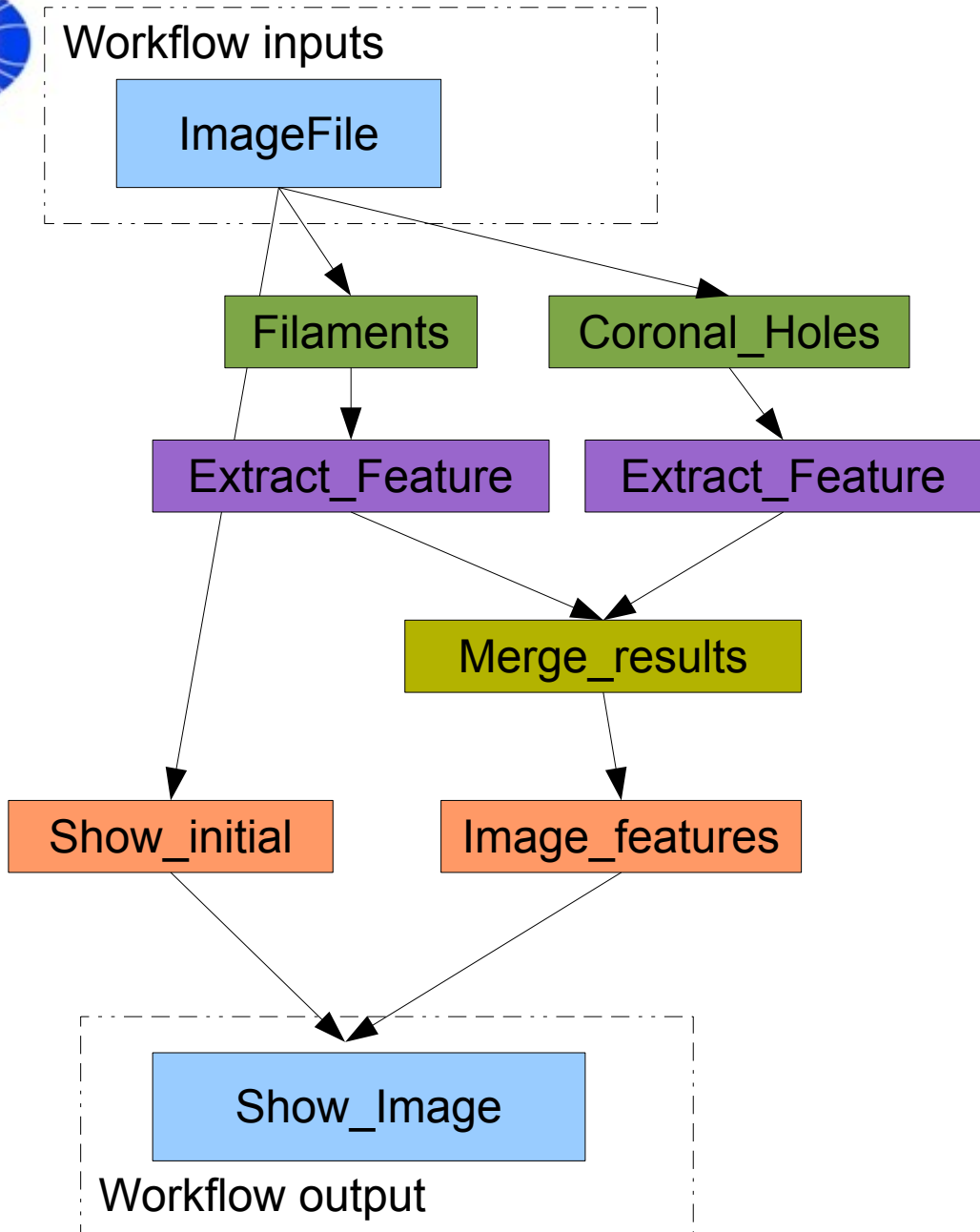
Browse by time

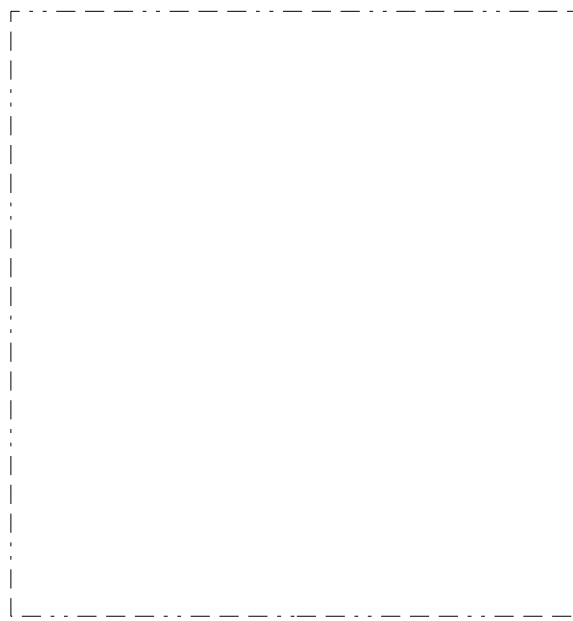
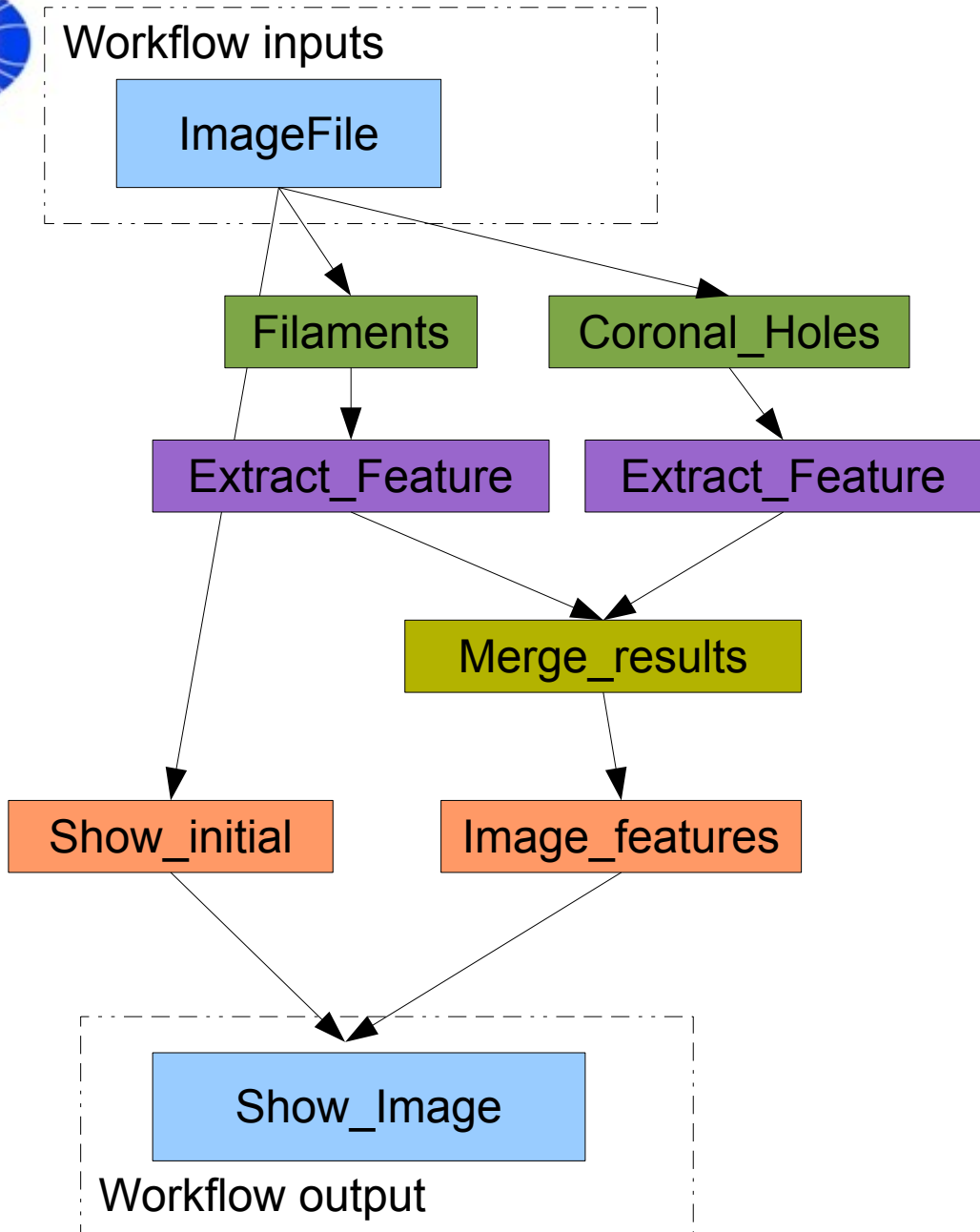


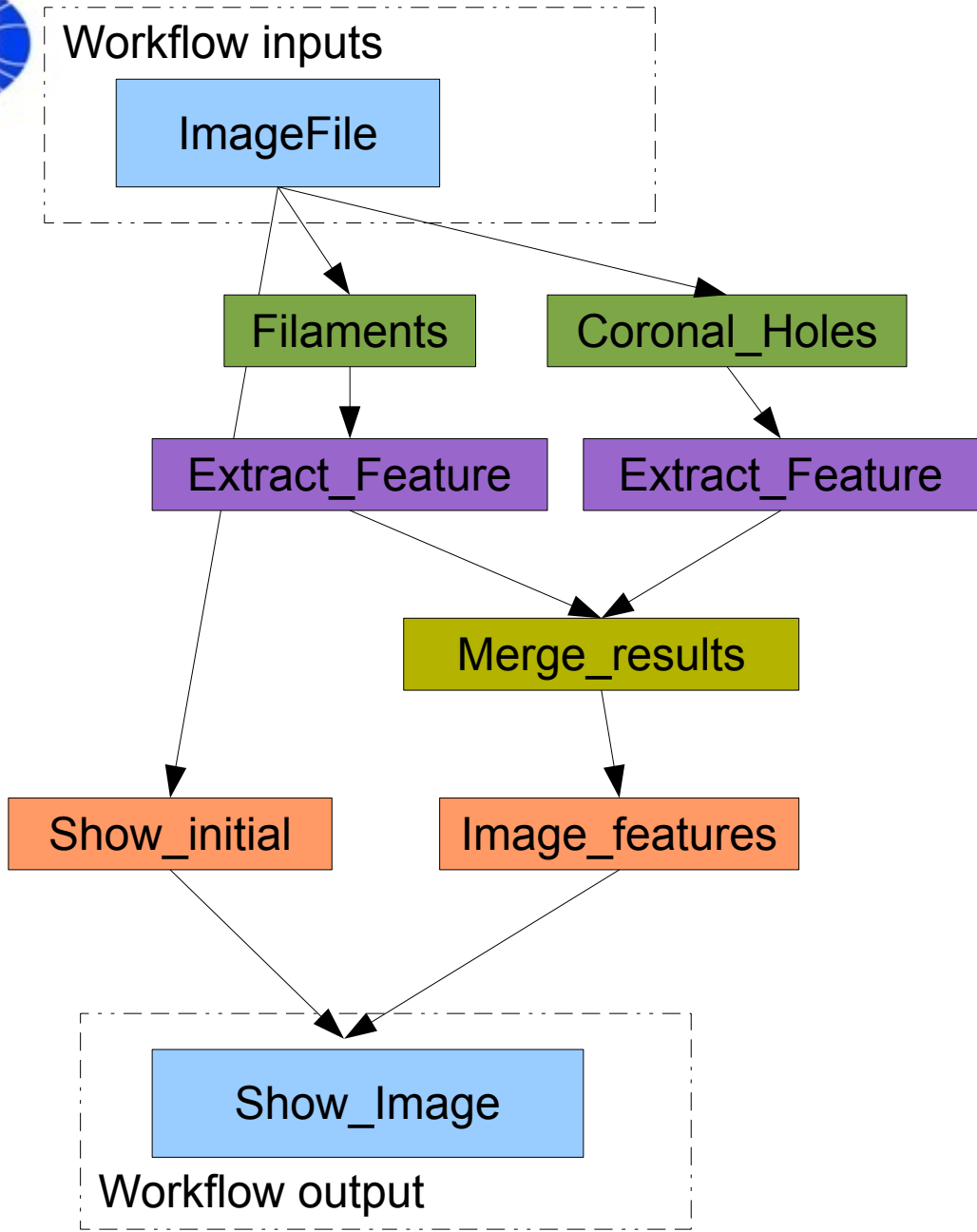
Browse by instrument



**workflows...**











**Get Involved!!!**

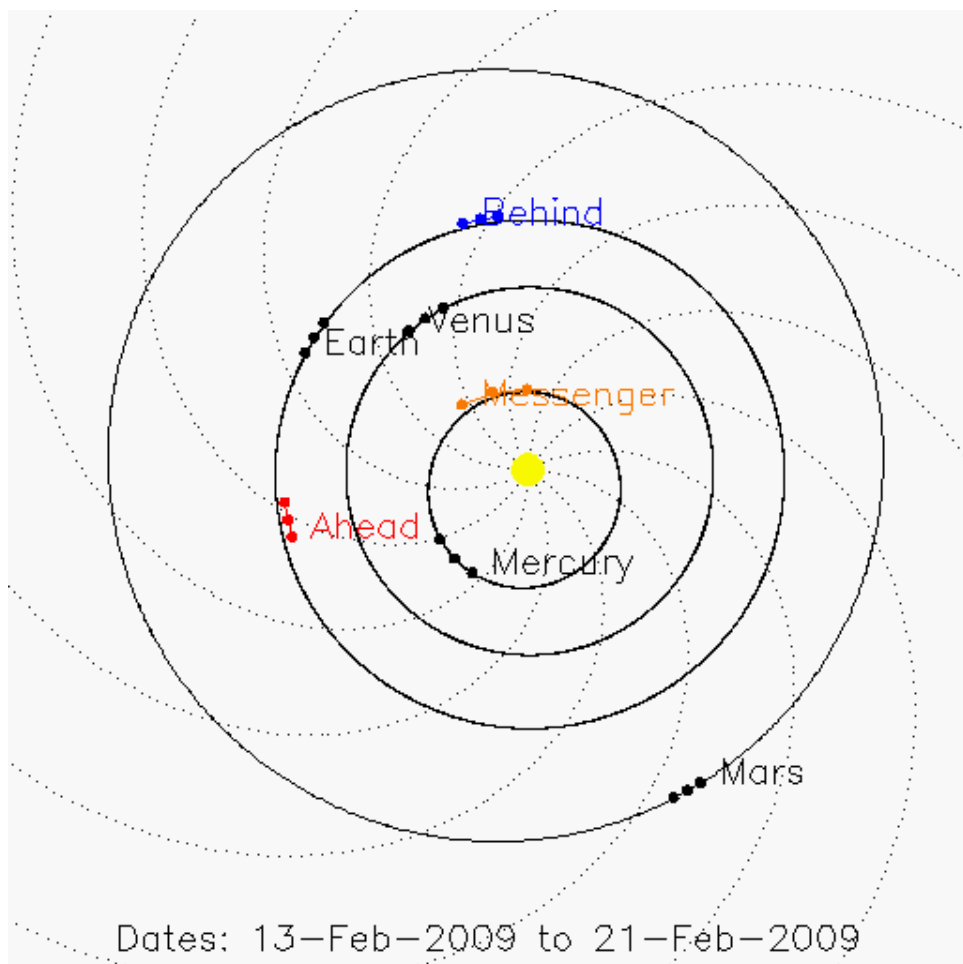


# Get Involved!!!

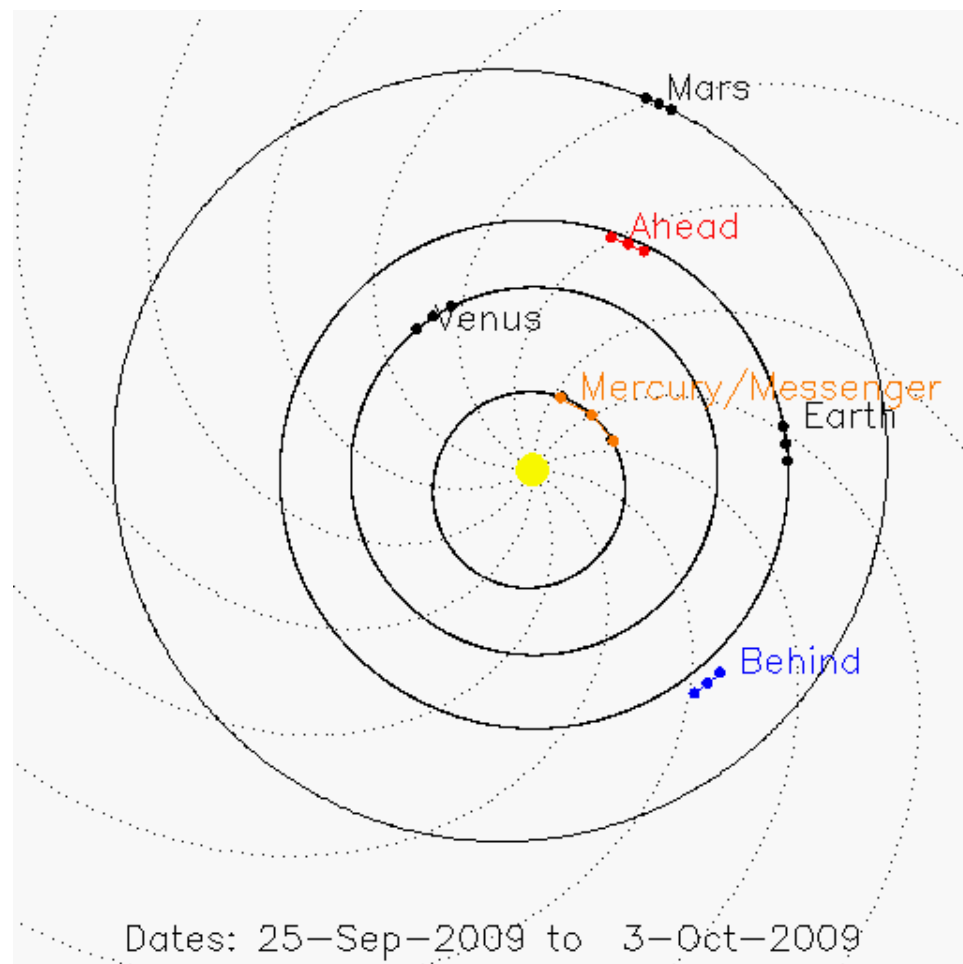
- ★ Study cases for CDAWs

# As for example (B.Thompson SWG20)

DAWN fly-by of  
Mars  
17 February 2009



Messenger fly-by of  
Mercury  
29 September 2009





# Get Involved!!!

- ★ Study cases for CDAWs
- ★ Be a - $\beta$  user!



Thank You

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