

# Presentation VOParis

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## Portail d'accès VO en WEB 2.0

Services et  
données

Conclusion



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**DATA AND SERVICES**

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**OUTREACH**

### The VO Paris Data Centre

The Paris VO Data Centre project aims at providing VO access to its databases ressources, at participating to international standards developments, at implementing VO compliant simulation codes, data visualization and analysis softwares.

The various activities are organised into portals whose functions are to provide visibility and information on the projects and to encourage collaboration.

Paris VO Data Centre offers a central support to the various projects through central storage and web servers computing facilities. On images, spectra and numerical simulations, Paris VO Data Centre plays a role in training through tutorials and seminars.

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### Latest News

[More News...](#)

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## □ **Listes des services proposés**

- SIA surveys ESO-R, SRC-J, DFBS, POSSE,
- SSA BaseBe, Fuse, HiGi, Giraffe, HESS
- TAP Exoplanètes, Mars (Phobos), Titan (Cassini), Comètes Nançay
- Google Sky pour les exoplanetes
- Astrogrid

## □ **En cours**

- Réplication des services
- Client Euro3D
- Europlanet
- VAMDC
- Simulation

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Target name or position: ngo4945

Search

[Advanced Search](#)

## RESULTS

### Scs

#### ✓ [Extrasolar Planets Encyclopaedia](#)

Cone search access to the interactive catalog of The Extrasolar Planets Encyclopaedia.

[http://vodev.obspm.fr/voparis-srv/srv/scs\\_exoplanet.php](http://vodev.obspm.fr/voparis-srv/srv/scs_exoplanet.php) - Results: [VoTable](#) - [HTML](#)

### SIA

#### ✓ [DFBS - Digitized First Byurakan Survey](#)

[http://vodev.obspm.fr/voparis-srv/srv/sia\\_dfbs.php](http://vodev.obspm.fr/voparis-srv/srv/sia_dfbs.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [VOPSAT - ESO-R](#)

VO-compliant publication of Schmidt survey ESO-R of the southern sky digitized with the MAMA microdensitometer at the Observatoire de Paris Image Analysis Centre (CAI).

[http://vodev.obspm.fr/voparis-srv/srv/sia\\_mama\\_esor.php](http://vodev.obspm.fr/voparis-srv/srv/sia_mama_esor.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [VOPSAT - POSS1-E](#)

VO-compliant publication of Schmidt survey POSS1-E of the southern sky digitized with the MAMA microdensitometer at the Observatoire de Paris Image Analysis Centre (CAI).

[http://vodev.obspm.fr/voparis-srv/srv/sia\\_mama\\_posse.php](http://vodev.obspm.fr/voparis-srv/srv/sia_mama_posse.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [VOPSAT - SRC-J](#)

VO-compliant publication of Schmidt survey SRC-J of the southern sky digitized with the MAMA microdensitometer at the Observatoire de Paris Image Analysis Centre (CAI).

[http://vodev.obspm.fr/voparis-srv/srv/sia\\_mama\\_srgj.php](http://vodev.obspm.fr/voparis-srv/srv/sia_mama_srgj.php) - Results: [VoTable](#) - [HTML](#)

### SsA

#### ● [FUSE - Far Ultra Violet Spectroscopic Explorer](#)

[http://vodev.obspm.fr/voparis-srv/srv/ssa\\_fuse.php](http://vodev.obspm.fr/voparis-srv/srv/ssa_fuse.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [GIRAFFE](#)

[http://vodev.obspm.fr/voparis-srv/srv/ssa\\_giraffe.php](http://vodev.obspm.fr/voparis-srv/srv/ssa_giraffe.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [HESS - High Energy Stereoscopic System](#)

[http://vodev.obspm.fr/voparis-srv/srv/ssa\\_spectrum\\_hess.php](http://vodev.obspm.fr/voparis-srv/srv/ssa_spectrum_hess.php) - Results: [VoTable](#) - [HTML](#)

#### ✓ [HiGi - HI Extragalactic Database](#)

[http://vodev.obspm.fr/voparis-srv/srv/ssa\\_higi.php](http://vodev.obspm.fr/voparis-srv/srv/ssa_higi.php) - Results: [VoTable](#) - [HTML](#)

### TAP

#### VO Applications

- [Aladin](#)
- [Topcat](#)
- [Splat](#)
- [VOSpec](#)

Services et données

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## □ SAMP



VO-PARIS DATA CENTRE



Services données

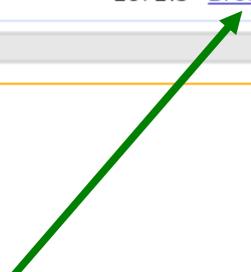
Conclusions

### VOPSAT - SRC-J (1)

- POS = 196.35871500000002,-49.470806
- SIZE = 0.5,0.5
- INTERSECT = OVERLAPS

Image Title	Date	RA	DEC	NAXES	NAXIS	SCALE	Exposure Time	CRPIX	File
--	mjd	deg	deg	--	pix x pix	deg/pix	s	pix	--
//voparis.obspm.cai ma/srcj#219	42891.60472	196.36222965269	-49.473360283028	2	5390 2729	0.0001865199592 0.0001865199592	3600	5068.5 -2671.5	<a href="#">DL Broadcast</a>

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**Aladin sky atlas**

File Edit Image Catalog Overlay Tool View Interop Help Install

Location  ICRS Pixel **0.8948** full

FOV background

1' 5.864' x 5.515' N E

select

pan

zoom

dist

draw

tag

text

filter

cross

rgb

assoc

cont

mqds

pixel

prop

del

FOV background

Zoom 1x

12.04' x 6.089'

grid multiview match Search

(c)1999-2009 Uds/CNRS - Centre de Donnees astronomiques de Strasbourg 0 sel / 0 src 7Mb

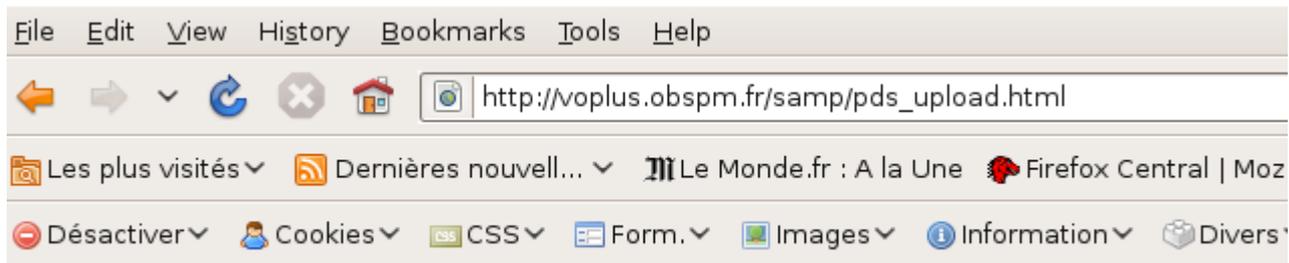
Services et données

Conclusion

## Client SAMP pour lire des cubes PDS

Services et  
données

Conclusion



### PDS Upload test form

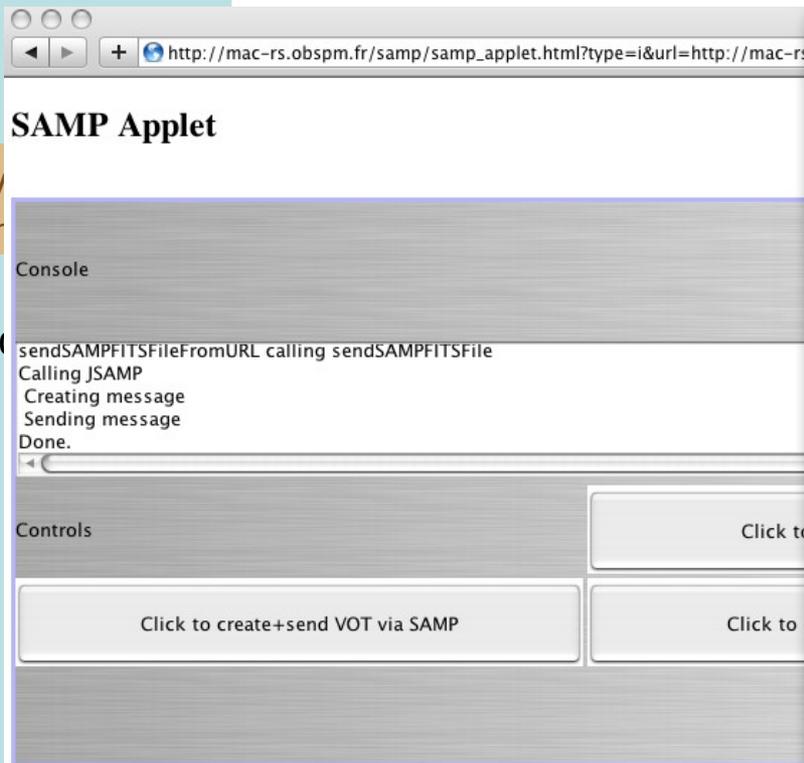
Extract:  image or  spectrum

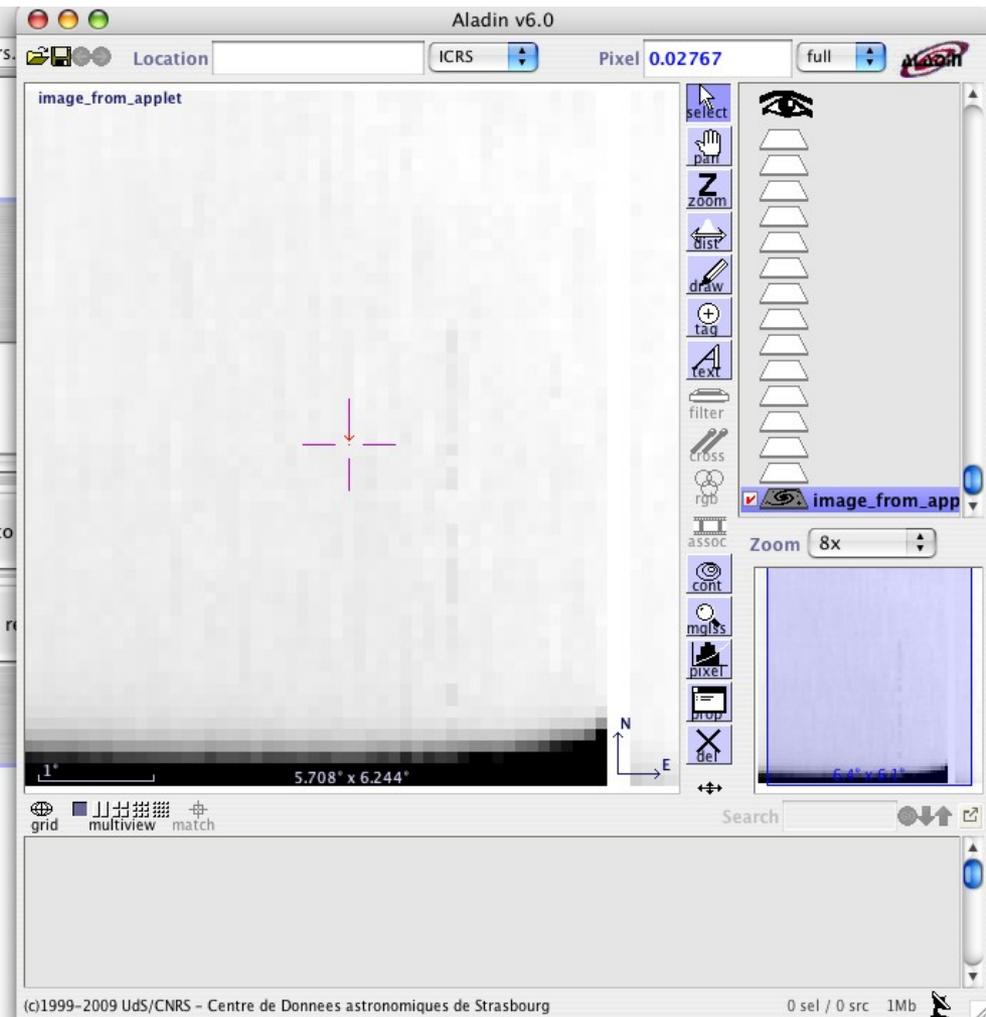
Slice: i=  j=  k=

Choose a file to upload:

NB: If no file is selected, the next page will use a default one.

## Client SAMP pour lire des cubes PDS





Web Start:(java installer)

Aladin Java:  Aladin.jnlp   
 SPLAT: 

## Client SAMP pour lire des cubes PDS

Serv  
 don  
 Con

**SAMP Applet**

Console

```

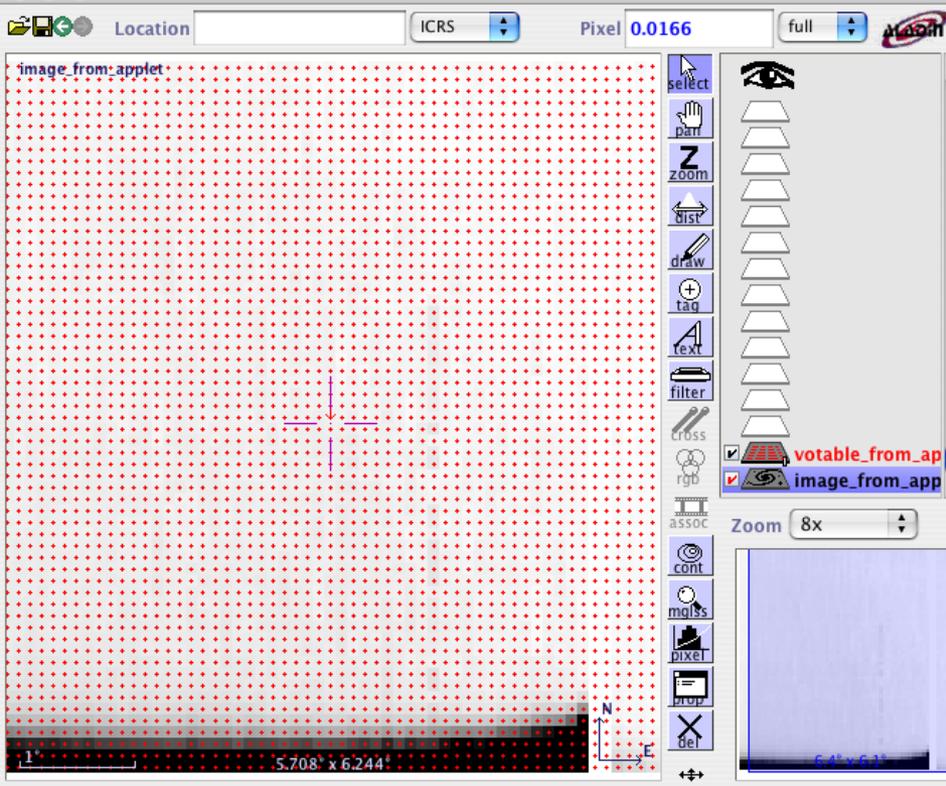
Creating catalog in /tmp/tmp_radec.xml
Calling JSAMP
Creating message
Sending message
Done.
          
```

Controls

Click to create+send VOT via SAMP

Aladin v6.0

Location: ICRS Pixel: 0.0166 full



Source #1025 - Click on it to get details

TIP: Create your own catalog. The simplest syntax is: Ra Dec Val1 Val2...

0 sel / 3904 src 4Mb

**Web Start:(java installer)**

Aladin Java:  Aladin.jnlp   
 SPLAT: 

# Services VO

## Client SAMP pour lire des cubes PDS

Service  
donné

Conclu

[http://mac-rs.obspm.fr/samp/samp\\_applet.html?type=i&url=http://mac-rs...](http://mac-rs.obspm.fr/samp/samp_applet.html?type=i&url=http://mac-rs...)

### SAMP Applet

Console

```

SAMPSelectRowsHandler.processCall called
-table-id: grid0
-url: null
-rows selected:
1846, SAMPSelectRowsHandler.processCall called
  
```

Controls

Click to

Click to create+send VOT via SAMP

Click to re

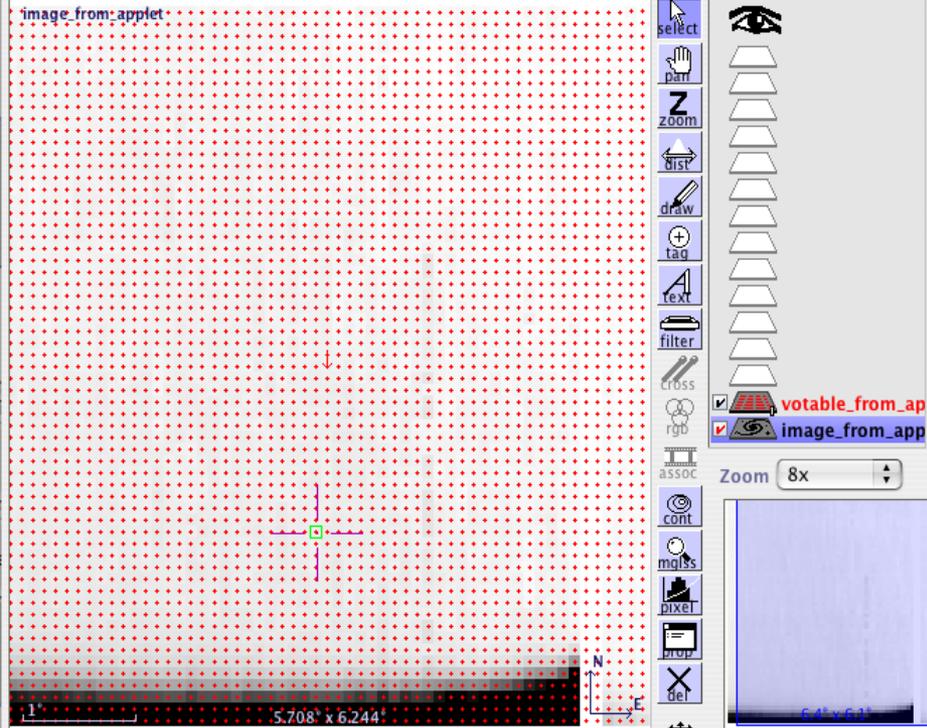
### Web Start:(java installer)

Aladin Java:  Aladin.jnlp
    
 SPLAT: 

Aladin v6.0

Location  ICRS Pixel 0.01866 full 

image\_from: applet



select  hand  Z zoom  dist  draw  tag  text  filter  cross  rgb  vatable\_from\_ap  image\_from\_app

Zoom 8x

64x64

5.708° x 6.244°

grid multiview match

RA	DEC
179.90018	-1.3000008

Search  

1 sel / 3904 src 6Mb

## Client SAMP pour lire des cubes PDS

http://localhost/samp/samp\_applet.html

### SAMP Applet

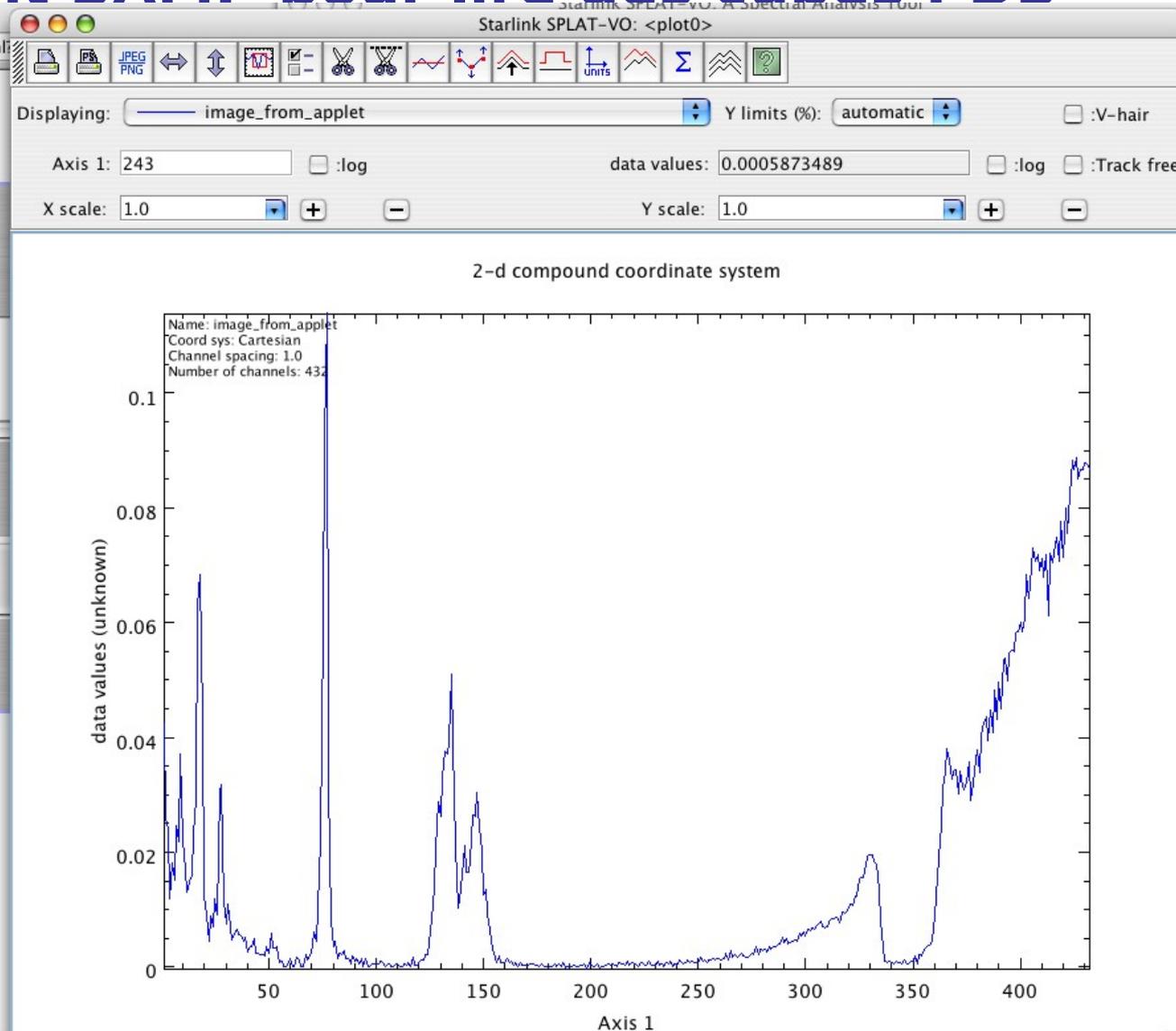
Console

```
sendSAMPFITSFileFromURL calling sendSAMPFITSFile  
Calling JSAMP  
Creating message  
Sending message  
Done.
```

Controls

Click to create+send VOT via SAMP

Web Start:(java installer)



## ❑ VO-Paris en charge de la WP5 - SA2

### Travail d'infrastructure :

- Monitoring
- Réplication et qualité de service
- Portail Grille EGEE
- Perennisation
- Hébergement et maintenance d'outils de communication.

Services et  
données

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- ▣ **VO-Paris en charge de la JRA4 - SA IDIS**
  - Charge du noeud dynamique des petit corps et matière extraterrestre.
  - Charge partagée des services à valeur ajoutés
  - Lien avec le CDPD pour l'étude de standards
  - Test des normes IVOA sur des données internes

Services et données

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**Europlanet** A European Research Infrastructure for Planetary Science

You are here: Planetary Dynamics Node > Home

IDIS Tech. Node   Interiors & Surfaces Node   Atmospheres Node   Plasma Node   Small Bodies & Dust Node   Planet. Dynamics Node

**Introduction to the thematic nodes of IDIS**

This website is dedicated to the thematic fields of **Planetary Dynamics and Extraterrestrial matter** as part of the Integrated and Distributed Information Service (IDIS) developed during the EuroPlanet project. In FP7 the IDIS System is divided into five thematic nodes and one technical node.

The EuroPlanet IDIS thematic science node '**Planetary Dynamics and Extraterrestrial matter**' is hosted by **VO-Paris Data Centre**, a facility implemented at Paris Observatory.

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 Host Institute: Obs. de Paris  
 Search

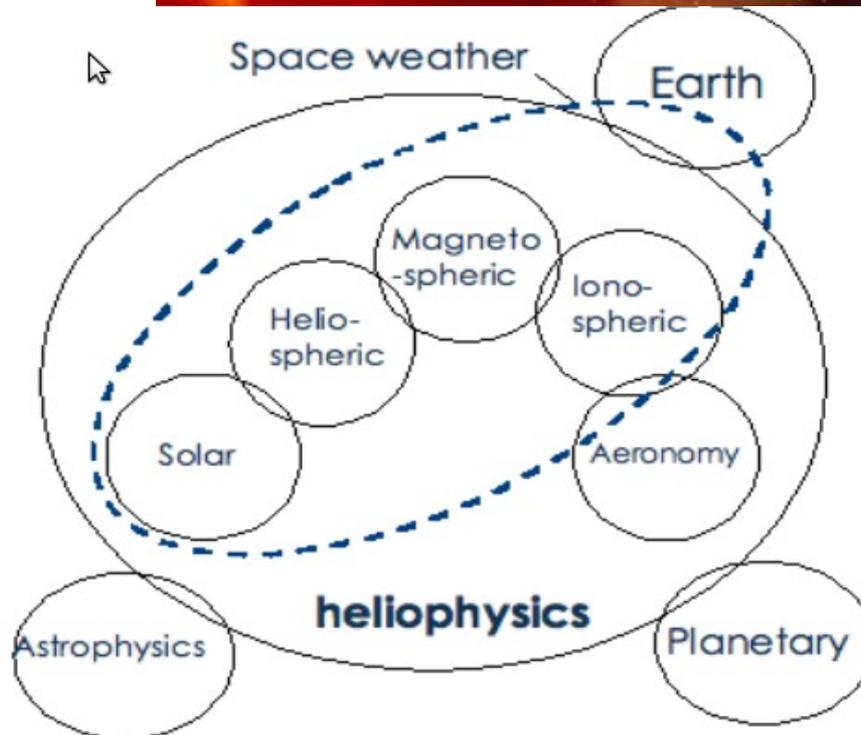
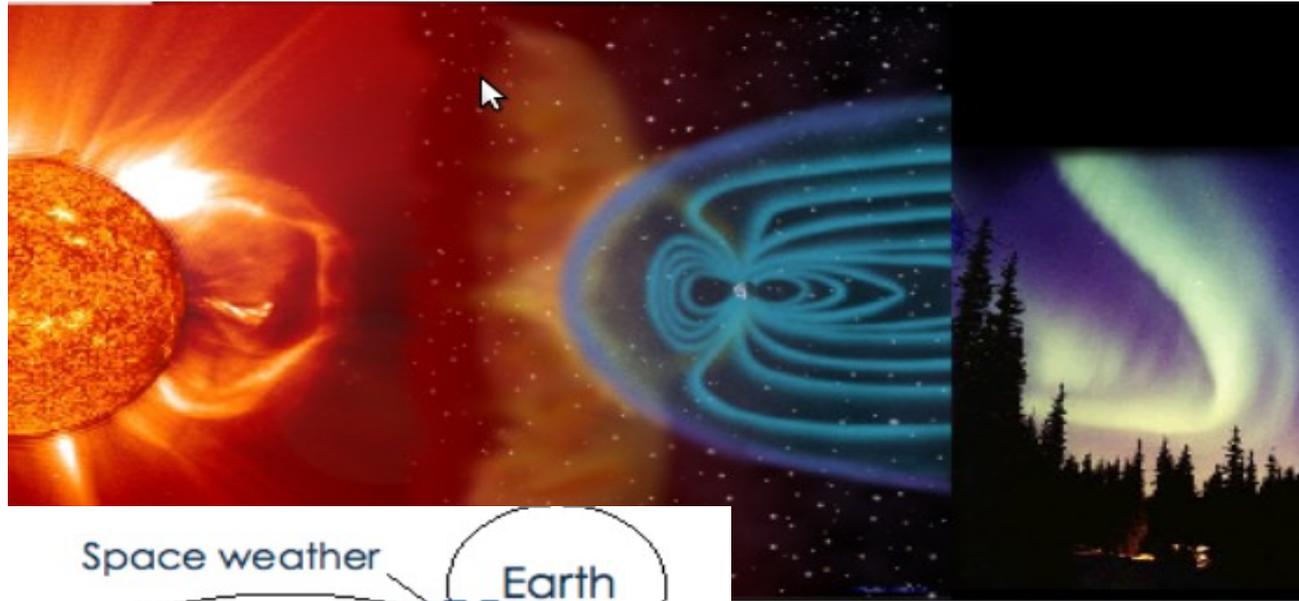
**DATA RESOURCES**  
 . Meteorites & lunar samples  
 . Ices & minerals spectra  
 . Ephemeris

**SERVICES**  
 . SKYBOT  
 . SSODNET  
 Other services

# VO-Paris pas loin d'Helio

Services et  
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- ▣ **VO-Paris en charge de la JRA4 - SA IDIS**
  - Charge du noeud dynamique des petit corps et matière extraterrestre.
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 Search

**DATA RESOURCES**  
 . Meteorites & lunar samples  
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 . Ephemeris

**SERVICES**  
 . SKYBOT  
 . SSODNET  
 Other services

# Conclusion

## □ Des besoins

- Nouveaux services
- Etude d'utilisation de la grille (bientôt)
- Evolution du portail
- Implication dans Europlanet et évolution de SSODNET
- Développement de nouveaux services
- Simulation
- Mise en place des nouvelles infrastructures :  
réplication multi-sites, EGEE, archivage pour  
pérennisation ...