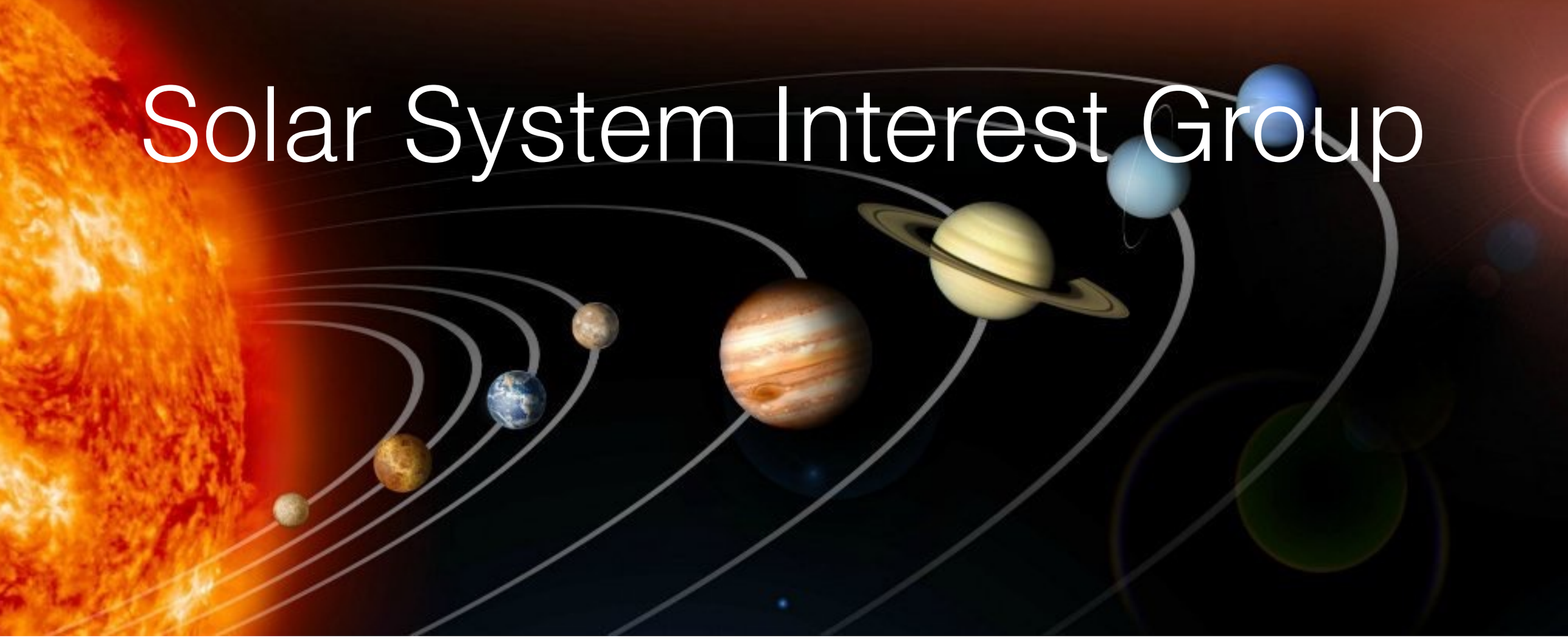
Solar System Interest Group



- Goal: re-use and adjust VO standards for Solar System sciences (Sun, Planets, Comets…)

- https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaSS
  email list: ssig@ivoa.net

- Chair: B. Cecconi (baptiste.cecconi@obspm.fr)
  Co-chair: S. Joy (sjoy@igpp.ucla.edu)

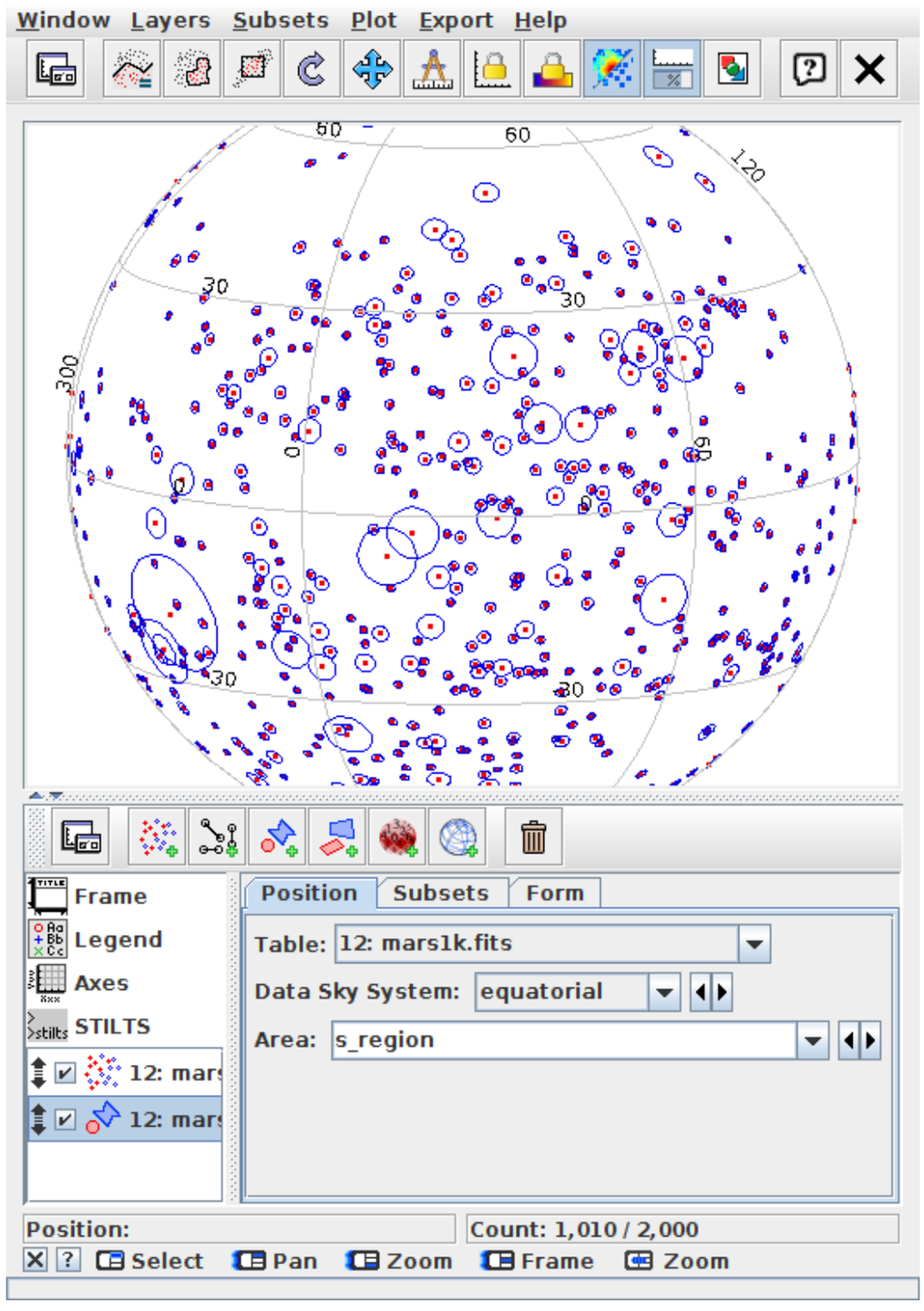
Solar System Interest Group
IVOA Interop May-2020

- No specific SSIG session

- Planned contribution:
  - TDIG: VOEvent update for Solar System sciences

- Other hot topics:
  - New feature in TOPCAT: “Area plot”
  - Vocabularizing dataproduct_type: inputs from SSIG
  - Early prototype of Herschel EPN-TAP service
  - CNES willing to support Solar System VO activities
  - VESPA going on the Cloud with EOSC

TOPCAT Area plot



Early prototype of Herschel EPN-TAP service

Non sécurisé — voparis-cdpp.obspm.fr/__system__/adql/query/form

VESPA forums Mission JUICE CDPP radio bib-cnrs Adress'RLR OnlineOCR Cassini STEREO Webmail Banques bibli Revues English

Co | planche chêne.. | Panneau Massi... | Deboisec : Mar... | Panneau massi... | PLANS DE TRA... | Chêne planche... | InterOpMay20... | Ticket #362806 | ADQL Query

PADC Paris Astronomical Data Centre

Help

Service info

Related

Tables available for ADQL

Metadata

Identifier

ivo://vopdc.obspm/__syste

Cite this

Advice on citing this resour

Description

An endpoint for submitting

Keywords

Virtual observatory

Creator

Created

2008-09-20T12:00:00Z

Data updated

2019-05-02

Reference URL

Service info

Try ADQL to query our data.

Afficher un menu

ADQL Query

Parameters

- ADQL query: select * from herschel.epn_core

Result

Matched: 100

Send via SAMP | Quick Plot

Query result probably incomplete due to the match limit kicking in. Queries not pr
TOP 2000 by the machinery, so adding a TOP clause with a higher number may help.

Granule_uid	Granule_gid	Obs_id	Dataproduct_type	et_prod	Target_name	Target_class	Time_min [d]	Time
1342205176	PacsPhoto	KPOT_thmuelle_1	sc		119951 (2002 KX14)	asteroid	2455467.13973	245546
1342206014	PacsPhoto	KPOT_thmuelle_1	sc		2001 KA77	asteroid	2455477.09262	245547
1342262585	HifiPointModeFSwitchNoRef	OT2_lorourke_17	sc		24 Themis	asteroid	2456323.22961	245632
1342209387	PacsPhoto	KPGT_pharto01_1	sc		Hartley 2	asteroid	2455511.9009	245551
1342205185	PacsPhoto	KPOT_thmuelle_1	sc		2001 XR254	asteroid	2455467.26999	245546
1342213078	PacsPhoto	KPOT_thmuelle_1	sc		26181 (1996 GQ21)	asteroid	2455580.24764	2455
1342240375	HifiPointModeFastDBS	OT1_dbockele_1	sc		Garradd (C/2009 P1)-1	comet	2455980.50897	24559
1342205190	PacsPhoto	KPOT_thmuelle_1	sc		20000 Varuna	asteroid	2455467.31693	245546
1342196100	PacsPhoto	KPOT_thmuelle_1	sc		88611 Teharonhiawako	asteroid	2455326.41704	245532
1342202867	PacsPhoto	KPOT_thmuelle_1	sc		52872 Okyrhoe	asteroid	2455420.2428	245542
1342195404	PacsPhoto	KPOT_thmuelle_1	sc		2060 Chiron	asteroid	2455309.79557	245530
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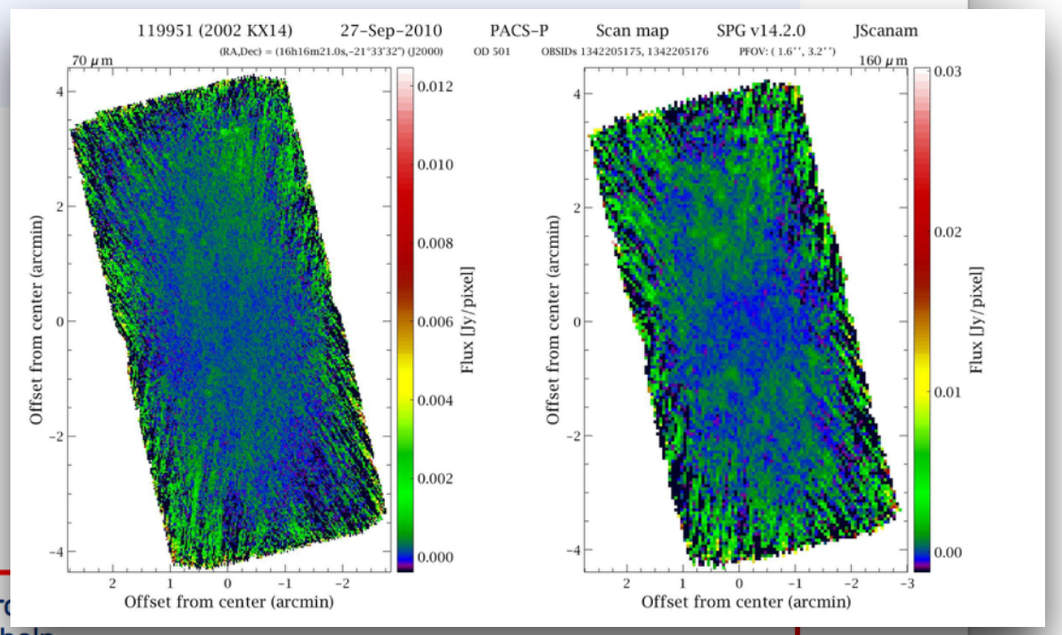

VESPA-Cloud

- Supported by EOSC-EAP (European Open Science Cloud, Early Adopter Program)

- Use case:
  a data provider can order a service to share its metadata in VESPA

- VESPA-Cloud will setup and maintain DaCHS servers on EOSC-hosted virtual machines (provided by IN2P3 and CESNET).

- Data providers will have:
  - a “seat” on a server to place their scripts+metadata
  - a gitlab repository to host and manage their scripts

- The VESPA-Cloud community AAI (Authentication and Authorization Infrastructure) is hosted on eduTEAMS

- Mote details here: https://voparis-wiki.obspm.fr/display/VES/VESPA-Cloud

This work uses the EGI infrastructure and EOSC-hub resources with the dedicated support of IN2P3 and CESNET. It is also supported by GEANT/eduTEAMS.