



Solar System IG - closing

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IVOA Interop Görlitz, Nov 14-16, 2025

Solar System IG session

New planetary HiPS at CDS

- Now 73 public HiPS - new ones include Mars CTX v2, Mercury color mosaics
- Assessment of 3D HiPS: frequency (CRISM) or time (Mars atmosphere)
- Many potential applications for space instruments

VESPA geoportal at ObsParis

- Demo of applications - relies on HiPS, MOC, EPN-TAP services, etc

Shape models in TOPCAT

- Now provides easy visualisation of irregular bodies + data on top
- Possible applications for astronomy objects?

Radio solar observations at OATs / INAF

- Patrimonial archive modernized with HAPI interface and visualization in TOPCAT

Topics In other sessions:

- Semantics: vocabularies for EPNCore, ObsFacility, ProcessingLevel, etc
- AAI for data services — required to use the VO framework for ground segment of space instruments

Other recent Solar System activities

Discussions / perspectives:

Planetary data in astronomy archives

- Several volunteers to study current access to observatory archives, and missing functionalities
 - including API for workflows => EPN-TA services?
- Need to identify Solar System targets (at least as in CAOM, or more precisely)
- Missing target_class in ObsCore?
- Use cases with ST-MOC to track Solar System objects in archives / features on Solar disk
- MOCset on ST-MOC?

EPN-TAP v2.1 *(hopefully mature at next Interop)*

- adding new parameters, e.g. for small bodies
- a way to include model-dependent quantities (e.g. classifications)
- more accurate description of coordinate systems
- rationalisation of vocabularies for EPNCore