

Planetary Interoperability Workshop (EPSC-DPS 2016)

 Presentations and Meeting Notes now available

Remote attendance

Thanks to JPL, we propose remote connexion to participate to the workshop.

When: Sunday, October 16, 2016, 1:00 pm (4 hrs), Pacific Daylight Time (San Francisco, GMT-07:00).

Start your meeting from here: [Start the meeting](#)

Meeting Number: **991 048 175**

Password: **(This meeting does not require a password.)**


Have JPL WebEx call you! Join web portion of your meeting and at the **Audio Conference** popup select **Use Phone** and enter a number where you can be reached. Or you can call into JPL WebEx: 818-35(4-4044) or Toll Free 844-JPL-WEBX (844-575-9329).


Venue

- Location: Caltech (Pasadena, CA), Cahill Building, Room 370 **[updated]**
- Date: Oct. 16th 2016
- Schedule: 1:00pm to 4:00pm **[updated]**

Abstract

The large amount of data generated by modern space missions calls for a change of organization of data distribution and access procedures. Although long term archives exist for telescopic and space-borne observations, high-level functions need to be developed on top of these repositories to make Planetary Science and Heliophysics data more accessible and to favor interoperability. Results of simulations and reference laboratory data also need to be integrated to support and interpret the observations. Interoperable software and interfaces has recently been developed in many scientific domains. The Virtual Observatory (VO) interoperable standards developed for Astronomy by the International Virtual Observatory Alliance (IVOA) can be adapted to Planetary Sciences, as demonstrated by the VESPA (Virtual European Solar and Planetary Access) team within the Europlanet-H2020-RI project. Other communities have developed their own standards: GIS (Geographic Information System) for Earth and planetary surfaces tools, SPASE (Space Physics Archive Search and Extract) for space plasma, PDS4 (NASA Planetary Data System, version 4) and IPDA (International Planetary Data Alliance) for planetary mission archives, etc, and an effort to make them interoperable altogether is starting, including automated workflows to process related data from different sources. The goal of this workshop is to discuss, strengthen and develop the interoperability in Planetary Sciences and Heliophysics interoperability frameworks.

 This workshop is replacing the regular "Planetary Interoperability" session that has been held at each EPSC meeting for several years. As it was not possible to include this session in the EPSC-DPS official program this year, we decided to organise a separate workshop.

 Abstract submissions now are closed.

Conveners

- [Baptiste Ceccconi](#), LESIA, Observatoire de Paris, France.
- [Daniel J. Crichton](#), JPL-NASA, Pasadena, California, USA.
- [Angelo Pio Rossi](#), Jacobs University, Bremen, Germany.
- [Stéphane Erard](#), LESIA, Observatoire de Paris, France.

Details

- Location: Caltech, (Pasadena, California, USA), Cahill Building, room 370
- Map: <http://www.caltech.edu/map/cahill-center-for-astronomy-and-astrophysics>
- Date: October 16th, 2016

Meeting Schedule, Presentations and Notes

- [Detailed schedule, with abstracts.](#)
- [Attendees and Meeting Notes](#)

