

International Planetary Data Alliance

Information Note 2

Second Quarter 2007

This information note of the International Planetary Data Alliance presents a review of the activities and on-going IPDA projects for everyone interested in these activities. All readers are encouraged to further circulate this note among colleagues.

The IPDA WWW page is accessible at <http://planetarydata.org>. The site offers a public view with the most basic information and officially released documents. Work on the IPDA internal site is still in progress. The site is being designed to provide a working platform for members of an IPDA project.

Steering Committee meeting

- The 2nd Steering Committee meeting has been held on July 17-19 at Caltech, in Pasadena.
- A new chair, Maria Teresa Capria, and a deputy-chair, Yasumasa Kasaba, have been nominated, in substitution of Joe Zender.
- The IPDA Charter has been approved by the SC and is now posted on the web site.
- We are planning to hold the 3rd Steering Committee meeting on the next July in Montreal, Canada, in the days immediately preceding the COSPAR assembly.
- A document describing how to handle the IPDA projects has been approved and has been posted on the web site.

- The following projects have been approved:

1 - IPDA Requirements, **team leader Dan Crichton**

Preparation of an overall IPDA requirement document, from which requirements of further projects can be derived.

2 - Banner/LOGO, **team leader Thomas Roatsch**

Preparation of an IPDA banner and Logo.

3 - Target Identification,
team leader Anne Raugh

Assessment of the current situation within the Small-Bodies community on the identification (aliases, naming) of small body objects and their features and a proposed taxonomy (classification) of small body objects .

4 - Small-Body Interoperability Demonstrator,
team leader Iku Shinohara

Extension to JAXA/DARTS of the interoperability capability demonstrated between NASA/PDS and ESA/PSA. Preparation of a user interface that connects to all three databases, queries them, lists the results and allows the direct download of the data sets and the data products returned from the individual data archive repositories.

5 - Standard Data Model, Assessment of Draft,
team leader Peter Allan

Independent assessment of the results of the Standard Data Model project.

6 - PDAP, Assessment of Draft Protocol,
team leader Yukio Yamamoto

Independent assessment of the results of the Draft Protocol project.

7 - COSPAR,
team leader Reta Beebe

Continuation of the project dealing with the COSPAR involvement.

8 - Data Dictionary Modeling,
team leader Steve Hughes

Preparation of a model for the IPDA data dictionary model.

9 - Interoperability: Query Model,
team leader Iku Shinohara

Definition of the requirements and structure for IPDA queries.

10 - Venus Express Interoperability,
team leader Nancy Chanover

Within the U.S. involvement in the European Venus Express mission, it was agreed that data from VEX would be made available to the U.S. scientists via

the PDS Atmosphere Node using the interoperability concept. The idea is to offer users of the Atmosphere Node www server a fully transparent access to all VEX data.

IPDA Project Presentations

30 July – 4 August 2007

Poster Presentation: "The International Planetary Data Alliance", by Y. Kasaba during the AOGS2007 meeting at Bangkok, Thailand

Planned Public Meetings

July 13-20, 2008 COSPAR, Commission B session, Montreal Canada

Please forward this information note to your colleagues. In case of further questions, please email to the Steering Committee of the IPDA (ipda-sc@planetarydata.org) or to the IPDA chair (mariateresa.capria@iasf-roma.inaf.it)