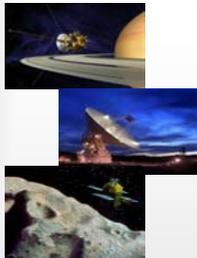




## International Planetary Data Alliance

### IPDA Status



**Maria Teresa Capria**  
INAF – IASF  
Rome, Italy



## From July 2008 to July 2009



- ASI (Italian Space Agency)
- BNSC (British Space Agency)
- CNES (France)
- DLR (Germany)
- **CNSA (China Space Agency)**
- **CSA (Canada Space Agency)**
- ESA (European Space Agency)
- ISRO (Indian Space Agency)
- JAXA/ISAS (Japan Space Agency)
- NASA (U.S. Space Agency)
- **RAS/RKA (Russia)**

The IPDA Technical Experts Group (TEG), led by [Pedro Osuna](#), has been formed with representatives from all the institutions represented at IPDA.

TEG has identified three areas for work:

- Data Access Protocols
- Validation Tools
- PDS

Rome, 2-3 July 2009

Fourth IPDA Steering Committee

## From July 2008 to July 2009



The IPDA website has been renewed and improved, thanks mainly to Sean Kelly.

- There is still work to do on the website
- Should we try to render it more interactive?

The newsletter has been improved and sent to a larger number of people.

Rome, 2-3 July 2009

Fourth IPDA Steering Committee

## From July 2008 to July 2009



### IPDA official presentations

At the end of the 2th SC meeting:

**we agreed that, after the approval of a Charter, the IPDA was consolidated enough, and that it was time to present ourselves to the international community.**

A session devoted to IPDA has been held at the 37<sup>th</sup> COSPAR Scientific Assembly (July 13-20, 2008, Montreal, Canada)

**“Presentation of the International Planetary Data Alliance – An integrated approach to data access”**

**Virtual Observatory-Atelier Planeto**, Paris, France, November 14, 2008  
The role and objectives of IPDA and its possible connections with [VO-France](#), [IVOA](#) and [Europlanet](#) have been discussed.

Montreal, 11-12 July 2008

Fourth IPDA Steering Committee

## Future IPDA official presentations

- **European Planetary Sciences Congress, October 14-18, 2009, Postdam, Germany.** IPDA activities will be presented during the session "Management and exploitation of planetary data through planetary VO tools and services".
- **PV 2009 Conference (Ensuring Long-Term Preservation and Adding Value to Scientific and Technical Data), December 1-3, 2009, European Space Astronomy Centre (ESAC), ESA, Villafranca del Castillo, Madrid, Spain.** IPDA activities will be presented.

The session "Planetary Space Sciences and Data Management" (B09) will be held during the 38<sup>th</sup> COSPAR Scientific Assembly (July 13-20, 2010, Bremen, Germany)

IPDA should be represented whenever and wherever planetary data archival and distributions are concerned.

An important point for IPDA: same archival policy (standards!) for exploration missions as for science missions.

IPDA must be the official interlocutor in all the matters related to the archival and distribution of planetary data

## International Space Exploration Coordination Group (ISECG) Annual Report 2008

### 1.2.2 Establishment of Working Relationships with Existing International Working Groups

As already mentioned it is not the intent of the ISECG to either duplicate the work or govern the work of other coordination groups, but rather to work with them to ensure that ISECG Workplan activities are being covered. This Working Group, led by CNES, has identified those international bodies of particular relevance to the ISECG and is ensuring that these groups are familiar with the work of the ISECG – the ISECG Annual Reports are one informing mechanism.

In addition the ISECG has identified areas, which would greatly benefit from close contact between ISECG and existing working groups. Examples of such activities include:

- development of exploration data archiving and distribution standards as might be addressed by the International Planetary Data Alliance,
- development of standards to support space exploration communications interoperability as are being addressed among those agencies actively planning spacecraft beyond Low Earth Orbit, the Space Frequency Coordination Group, the Interagency Operations Advisory Group and the Consultative Committee on Space Data Systems,
- development of a common Lunar cartographic reference system as might be undertaken by the International Lunar Exploration Working Group, the International Astronomical Union (IAU)/IAG Cartographic Working Group and the International Planetary Data Alliance (IPDA).

## EuroPlanet RI

EuroPlanet has been funded for 4 years under the 7<sup>th</sup> EC Framework Program and started operating on 1 January 2009. It is devoted to the developing and coordination of infrastructures for the European planetary sciences.

Integrated and Distributed Information Service (IDIS)

**IDIS will offer to the planetary science community a common and user-friendly access to the data and information produced by the various types of research activities** : earth-based observations, space observations, modelling and theory, laboratory experiments.

IDIS will evolve towards a unique **Virtual Planetary Observatory (VPO)** that will allow the user to analyse, manipulate and interpret all types of observational data, and to visualise planetary systems as they evolve in time and space.

- PDS is recognized as the format of planetary data
- Tools to better exploit data written in PDS format will be built
- A strong coordination exists with ESA PSA

# Concerns

.IPDA

- CNSA and RAS/RKA are only formally part of IPDA: they are not participating in our activities. CSA did not even nominate its representatives
- Some concerns on IPDA projects managements
- Interaction with the user community while improved, is still not satisfactory

Rome, 2-3 July 2009

Fourth IPDA Steering Committee

# Key points of the meeting

.IPDA

- Discussion about the status of the projects approved on July 2008
- How to improve projects management  
Make a decision on the new projects
- New chair and deputy
- How to go on with COSPAR
- IPDA position wrt SPICE
- Publications on refereed journals
- How to better interact with the community

Rome, 2-3 July 2009

Fourth IPDA Steering Committee