Planetary Data: A Workshop for Users and Software Developers 2012 (Announcement)

We are pleased to announce **Planetary Data: A Workshop for Users and Software Developers** to be held June 25-29, 2012, at Northern Arizona University (NAU) in Flagstaff, Arizona. The meeting facility is at the [du Bois Conference Center](#) on the NAU campus. The two content tracks will share a common day on Wednesday to hold talks of overlapping interest. One or both tracks can be attended and there is no registration fee for either. [Abstract submissions](#) for presentations and/or posters are due by **April 30, 2012.**

Purpose and Scope

Planetary Data Users Track	Planetary Software Developers Track
Goals: ● Share information on digital planetary data, including availability, access and analysis methods. ● Present how-to guides for locating, acquiring, processing and working with digital planetary data.	**Goals:** ● Bring researchers and technology experts together to discuss and exchange ideas to identify difficult planetary research issues that can be addressed by software development. ● Present planetary data processing and software development methods and techniques.
Overview: This workshop track will provide a forum for discussion of available planetary data, including a summary of **how these data are located, downloaded, processed, and used** for cartography and scientific data analysis. Although a detailed agenda is not yet available, topics to be addressed may include: basic data search and retrieval tools (e.g., the Planetary Image Atlas, the Orbital Data Explorers, the Analysts Notebook, PILOT, etc.) for data from current planetary missions, summary of data processing and visualization tools (e.g., ISIS, JMARS/JMOON, Google Mars/Moon, ArcMap, etc.), and an introduction to PDS4 for users and data providers. Other potential agenda items can be found [here](#).	**Overview:** To facilitate planetary research, differing techniques are used across the community to solve issues related to data access, calibration, processing, fusion, and the creation of derived scientific products. These individual products help scientists to portray morphologic, topographic, and spectral compositions but prove to be more valuable by bringing the observations into a common spatial and visualization system. The topics for this workshop track will heavily depend on community participation but will range from in-situ and orbital data integration, data processing, **software development and methods**, data interoperability, visualization techniques, high-speed and volume cluster processing, photogrammetry procedures and [more](#).

Data User Track		Common Day	Software Developer Track	
Monday 25th	**Tuesday 26th**	**Wednesday 27th**	**Thursday 28th**	**Friday 29th**
presentations for data users	presentations for data users	cooperative presentations linking developers and users	developer presentations	unconference – developer topics based on previous days

The *Planetary Data Users* track is sponsored by the NASA Planetary Data System, the Planetary Geology and Geophysics Program, and the Regional Planetary Image Facility network. The *Planetary Software Developers* track is sponsored by the NASA PG&G Cartography Program.

Meeting Format

Both workshop tracks will include invited and contributed oral presentations, directed discussions and poster presentations. The last day will utilize an "unconference" format where the agenda will be defined by participants (based on previous workshop discussions). Several break-out rooms will be available for special interest groups and/or demos and displays. **Abstract submissions** for presentations and/or posters are due by **April 30, 2012** (maximum of 2 pages, multiple abstracts allowed). Otherwise, for general attendance, you must **register** by **June 15, 2012**. Abstracts, presentations and any how-to guides will be posted on-line at the workshop Web site.

Oral Presentations: The meeting will be structured with morning and afternoon oral sessions organized around topical themes. Single-speaker presentations will be allocated 5 to 45 minutes (from quick lightning-style presentations, to longer keynote addresses, as requested and appropriate) and will contain ample time for questions and discussion. Panel or community discussion sessions will be included as needed, and will be used for the common day, Wednesday, June 27, to facilitate discussion between the two tracks. Audio-visual equipment available for presentations will include one LCD projector per room. Wireless Internet access will be available.

Poster Presentations: Posters will be viewable during the entire workshop. Posters may be installed at any time during the week and will be left on display through Friday noon, June 29, at which time they must be removed. Each poster will have a space 44" × 44" (1.1 m × 1.1 m) for display. Tables will be available for participants to present interactive software demos or videos.

Registration Fees: There is no registration fee, although local fees (e.g., for on-site beverages and a $3-$5 daily parking fee for non-government vehicles) may be assessed. Northern Arizona University or City of Flagstaff bus service is available from downtown Flagstaff to the du Bois Conference Center.

Accommodations: Participants are responsible for their own travel and lodging costs. For your convenience, a list of local hotels and a local area map showing Northern Arizona University and Flagstaff are provided.

Schedule

- April 30, 2012   Deadline for **Abstract Submission** (for presentation or poster)
- May 15, 2012   Sponsor/Exhibit Inquires (email)
- June 15, 2012   **Registration** Deadline (if not submitting an abstract).
- **June 25-29, 2012**   **Workshop:** Data Users (June 25-27), Software Developers (June 27-29)

Contacts

For information about the *Planetary Data Users Track* (June 25-27), please contact:	For information about the 2012 *Planetary Software Developers Track* (June 27-29), please contact :
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