



Planetary Sciences

April 2021 Newsletter

Greetings from Your Planetary Sciences Section Leadership!

Spring is here and so are a lot of new activities in the planetary science community – Ingenuity is about to take its first flight and the Discovery selection is on the horizon. Several Planetary Science and Astrobiology Decadal committees are holding open meetings and NASA is hosting a town hall for dual-blind peer review in grant program (see below). As far AGU activities, keep your eyes peeled for upcoming volunteer opportunities for section awards committees. Feel free to contact [Jennifer Whitten](#) if you are interested in getting involved with the Planetary Sciences Section.

We look forward to hearing from you.

Michael Mischna, President

Paul Byrne, President-Elect

Jennifer Whitten, Secretary

Sam Birch, Early Career Representative

Ashley Schoenfeld, Student Representative

Rosalyn Lopes, Past-President

Upcoming Deadlines & Events

For the latest Planetary Sciences updates and events, please visit the section calendar.

Upcoming Deadlines

- ROSES-2021: Rolling Submissions
 - [Several program will transition to No \(Fixed\) Due Dates \(NoDD\):](#)
 - Emerging Worlds (EW)
 - Solar System Workings (SSW)
 - Planetary Data Archiving, Restoration, and Tools (PDART)
 - Exobiology (ExoBio)
 - Solar System Observations (SSO)
 - Planetary Instrument Concepts for the Advancement of Solar System Observations (PICASSO)
 - Laboratory Analysis of Returned Samples (LARS)
- [AGU Honors & Recognition Program](#): Union and Section Awards: April 15, 2021.

Upcoming Conferences (All conferences virtual unless otherwise noted)

- **Apr 25-30, 2021**: EGU General Assembly 2021
- **Apr 26-30, 2021**: 7th IAA Planetary Defense Conference
- **Apr 29, 2021**: Lunar Surface Science Workshop
- **May 3-7, 2021**: Heliophysics 2050 Workshop
- **May 03-June 6, 2021**: Japan Geoscience Union Meeting [**Hybrid format**]

Planetary Sciences Announcements/Updates

1. Thank You to [Lockheed Martin](#) for their Support of the Planetary Sciences Section in 2020!



[Watch Video](#)

2. PLANETARY SCIENCE AND ASTROBIOLOGY DECADAL SURVEY OPEN SESSIONS IN APRIL

There are a series of open sessions for the Planetary Science Decadal Subpanels this month:

Giant Planet Systems Panel Meeting #8, April 16th
Small Solar System Bodies Meeting #10, April 21st
Venus Meeting #15, April 21st

More details are [available here](#).

3. PDS DATA RELEASES: APERIODIC MSL AND Mars Express, INSIGHT RELEASE 8, ODYSSEY RELEASE 75

In March 2021, PDS ingested and made available the following data, none of which were regularly released with an ongoing mission:

2021.03.02 MSL ChemCam passive surface spectra bundle
2021.03.19 Mars Express: MRS Raw Radio Science Extended Mission 3
2021.03.25 Mars Express: MRS Raw Radio Science Extended Mission 3

To [access those data](#).

The NASA Planetary Data System announces Release 8 of data from the InSight Lander mission to Mars. This release contains raw and calibrated data products covering the time period from October 1, 2020, through December 31, 2020. Some instrument teams have already released data from October 1-12, 2020, in Release 7. The data are archived at various PDS nodes.

SEIS (Seismometer) at the Geosciences Node

RAD (Radiometer) at the Geosciences Node

RISE (Radio Science) at the Geosciences Node

IDA (Instrument Deployment Arm) at the Geosciences Node

APSS (Temperature, Wind, and Pressure) at the Atmospheres Node

IFG (Insight Fluxgate Magnetometer) at the PPI Node

ICC/IDC (Instrument Context Camera / Instrument Deployment Camera) at the Cartography and Imaging Sciences Node
SPICE at the NAIF Node

The data may be [accessed here](#).

InSight releases occur every three months. The next release is scheduled for July 1, 2021

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Release 75 of raw, calibrated, and derived data products from the Mars Odyssey Orbiter nominally covers July 1 through September 30, 2020 for the GRS/HEND/NS suite, and May 31 through August 30, 2020, for THEMIS.

This release includes complete reprocessings with improved calibration of the NS Derived (DND) and Averaged (AND) Neutron Data data sets.

GRS/HEND/NS data are archived at the PDS Geosciences Node, THEMIS data at the THEMIS Data Node, and SPICE data at the PDS NAIF Node. [All data](#).

4. DUAL-ANONYMOUS PEER REVIEW TOWN HALL FOR PLANETARY AND EXOPLANETS RESEARCH PROGRAMS

On April 28, 2021 at 3 PM Eastern, NASA's Planetary Science Division (PSD) will host a webinar to discuss the implementation of Dual-Anonymous Peer Review (DAPR) for the following programs under ROSES-2021: Cassini Data Analysis Program, Discovery Data Analysis Program, Exoplanet Research Program, New Frontiers Data Analysis Program, Lunar Data Analysis Program, and the Mars Data Analysis Program.

In Dual-Anonymous Peer Review, not only are proposers unaware of the identity of reviewers, but the reviewers do not have explicit knowledge of the proposing teams and institutions during the scientific

evaluation of the proposal. The webinar will: (1) discuss the motivation for switching to dual-anonymous peer review, (2) describe important changes to proposal writing to be compliant with dual-anonymous peer review, and (3) explain how dual-anonymous peer reviews will work.

In advance of the webinar, questions may be submitted and upvoted [on here](#).

Join from the [meeting link](#).

Join by meeting number

Meeting number (access code): 199 756 1176

Meeting password: DaPR-2021

Join by phone

+1-929-251-9612 USA Toll 2

+1-415-527-5035 US Toll

For more information on dual-anonymous peer review, please [visit website](#).