



Planetary Sciences

March 2021 Newsletter

Greetings from Your Planetary Sciences Section Leadership!

In our last newsletter, we mentioned there would be a variety of volunteer opportunities for section activities in the coming year. The first opportunity has arrived! We are looking for volunteers to participate in our section nominations committee for the upcoming year. Responsibilities would include soliciting nominations for the [various AGU awards](#). If you are interested in participating on this nominations committee, please contact [Jennifer Whitten](#).

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 (Delays noted in RED)

- ROSES-2020: Parker Solar Probe Guest Investigators, Step-2 proposals: Due March 17, 2021.
- 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 made virtual because of COVID-19)

- **Mar 15-19, 2021**: 52nd Lunar and Planetary Science Conference [Virtual Meeting]
- **Mar 22-24, 2021**: Triple Evolution and Dynamics 3 (TRENDY 3) [Virtual Meeting]
- **Mar 23-25, 2021**: Rock, Dust and Ice: Interpreting Planetary Data [Virtual Meeting]
- **Apr 25-30, 2021**: EGU General Assembly 2021 [Virtual Meeting]
- **Apr 26-30, 2021**: 7th IAA Planetary Defense Conference

Planetary Sciences Announcements/Updates

1. PDS: DAWN GRAND PDS4 ARCHIVE RELEASE

The Dawn Gamma Ray and Neutron Detector (GRaND) archive is now available in the PDS, updated to the modern PDS4 archiving standard, with revised and enhanced metadata and documentation. (The data files are unchanged from the PDS3 version.) Custom IDL software for ease of access and processing of GRaND data for scientific analysis has been released concurrently in NASA GitHub.

2. PDS: JUNO DATA RELEASE 14

The Planetary Data System announces the 14th release of data from the JUNO mission. The release includes EDR and RDR level data acquired between 2020-04-11 and 2020-07-25, which covers Juno Orbits 27 and 28.

Data sets from the following experiments are now available:

FGM (magnetometer)

Gravity

JADE (plasma)

JEDI (energetic particle detector)

JIRAM (infrared auroral mapper)

JunoCam (camera)

MWR (microwave radiometer)

SPICE

UVS (ultraviolet imaging spectrometer)

Waves (radio and plasma wave science)

To access the above data, please visit [this link](#).

MWR Cruise data has also been reprocessed.

EDRs are available [here](#).

RDRs are available [here](#).

JUNO data are archived at the PDS Atmospheres (ATM), Imaging (IMG), NAIF, and Planetary Plasma Interactions (PPI) Nodes. The data can be accessed from these nodes' web sites and from the main PDS [home page](#).

3. PDS: MARS ATMOSPHERE AND VOLATILE EVOLUTION DATA RELEASE 24

The Planetary Data System (PDS) is pleased to announce the release of the following data from MAVEN (Mars Atmosphere and Volatile Evolution) Release 24, nominally with data to November 2020:

EUV (Extreme Ultraviolet Monitor)
IUVS (Imaging Ultraviolet Spectrograph)
KP (Insitu Key Parameters)
LPW (Langmuir Probe and Waves)
ROSE (Radio Occultation Science Experiment)
SEP (Solar Energetic Particle)
SPICE
SWIA (Solar Wind Ion Analyzer)

Available soon:

ANC (ancillary)
MAG (Magnetometer)
NGIMS (Neutral Gas and Ion Mass Spectrometer)
STATIC (Supra-Thermal and Thermal Ion Composition)
SWEA (Solar Wind Electron Analyzer)

No more data is expected from: ACCEL (Accelerometer)

To access the above data, please visit [this link](#).

To access the latest PDS Data Releases, please visit this [link](#).

All available PDS data may be found [here](#).

For further information, see the PDS [home page](#).