June 2020 Newsletter

Greetings from your Planetary Sciences section leadership!

This is an exciting time as we prepare for the Planetary Science and Astrobiology Decadal survey. Remember that White Papers are due 4 July.

We have not received any additional information on the format of the Fall meeting yet; however, what we hear is that AGU will make a decision before the abstract submission deadline.

Given some recent reports in the news about how the pandemic has affected female researchers, an analysis by AGU shows that, so far, this does not seem to be the case for submissions to AGU journals. An interesting post from @AGU on Twitter can be found here: https://eos.org/editors-vox/how-is-the-pandemic-affecting-agu-journal-article-submissions

Here's hoping we will see many of you at Fall AGU,

Rosaly Lopes, **President**
Michael Mischna, **President-elect**
David Williams, **Secretary**
Sam Birch, **Early Career Representative**
Ashley Schoenfeld, **Student Representative**
Sarah Stewart, **Past President**

Upcoming Deadlines & Events

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

Upcoming Deadlines (NOTE Delays because of COVID-19 Coronavirus National Emergency)

- ROSES-2020: Emerging Worlds, Step-2 proposal: Due June 1, 2020

- ROSES-2020: Solar System Observations, Step-2 proposal: Due June 10, 2020
- ROSES-2020: Dev. & Adv. Lunar Instrumentation (DALI), Step-2 proposal: Due June 12, 2020
- ROSES-2020: Maturation Instruments for Solar System Exploration (MATISSE), Step-2 proposal: Due June 19, 2020
- ROSES-2020: Cassini Data Analysis, Step-2 proposal: Due July 9, 2020
- ROSES-2020: New Frontiers Data Analysis, Step-1 proposal: Due July 9, 2020
- ROSES-2020: Planetary Data Archiving, Restoration and Tools, Step-2 proposal: Due July 10, 2020
- ROSES-2020: Labor. Analysis Returned Samples, Step-2 proposal: Due July 14, 2020

Upcoming Conferences (2020) (NOTE All May conferences have been made virtual)

- **Jun 8-11:** 7th Mars Atmosphere Modeling & Observation Conference [Virtual meeting]
- **Jul 8-10:** 7th NASA Exploration Science Virtual Forum [Virtual meeting]
- **Jul 23:** Planetary Geologic Mappers' Meeting [Virtual meeting]

Planetary Sciences Announcements/Updates

1. NASA Postdoctoral Fellowship – Application Deadline July 1, 2020

The NASA Postdoctoral Program offers US and international scientists the opportunity to advance their research while contributing to NASA's scientific goals. The NPP supports fundamental science; explores the undiscovered; promotes intellectual growth; and encourages scientific connections.

Selected by a competitive peer-review process, NPP Fellows complete one- to three-year Fellowship appointments that advance NASA's missions in earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics and engineering, human exploration and space operations, and astrobiology.

Current NPP research opportunities in planetary science can be viewed here: NPP Planetary Science Research Opportunities

Applicants must have a Ph.D. or equivalent degree in hand before beginning the fellowship, but may apply while completing the degree requirements. U.S. citizens, Lawful Permanent Residents, and foreign nationals eligible for J-1 status as a Research Scholar may apply.

Stipends start at $60,000 per year, with supplements for high cost-of-living areas and for certain academic specialties. Financial assistance is available for relocation and health insurance, and $10,000 per year is provided for professional travel.

Applications are accepted three times each year: March 1, **July 1**, and **November 1**.

For further information and to apply, visit: https://npp.usra.edu/

Questions: npphelp@usra.edu

2. Call for Papers for a Special Section of *JGR-Planets* titled "Exoplanets: The Nexus of Astronomy and Geoscience"

AGU Guest Editors: Cayman Unterborn (Arizona State University), Laura Schaefer (Stanford University), Eliza Kempton (University of Maryland), Seth Jacobson (Michigan State University)

In recent years, our knowledge about exoplanets has expanded tremendously. From super-Earths to water worlds, Hot Jupiters to mini-Neptunes, exoplanets represent a diversity of worlds well beyond that of our Solar System. The field of exoplanets is moving from an era of discovering exoplanets to understanding their populations and characterizing individual exoplanets in detail. To do this, however, requires a monumental interdisciplinary effort, bringing together astronomers, geoscientists, and planetary scientists including observers, theorists, and experimentalists. In this special section of JGR Planets, we wish to bring together authors from across each of these disciplines to present results of interest to the wider exoplanet field and cross these traditional disciplinary boundaries.

As part of the special section, all papers will be published with **Gold open access at extra no charge**.

Submissions are now being accepted and will be on a rolling basis until **30 September 2020**.

Manuscripts are to be submitted through the AGU website: https://agupubs.onlinelibrary.wiley.com/doi/toc/10.1002/(ISSN)2169-9100.EXOPL1.

3. Decadal Survey on Planetary Science and Astrobiology: Call for White Papers

The Decadal Survey on Planetary Science and Astrobiology was formally initiated by the National Academies of Sciences, Engineering, and Medicine on 20 March.

A website for the submission of white papers has been established and can be accessed via the main decadal survey website at http://nas.edu/planetarydecadal.

Deadline for the submission of white papers is **4 July 2020**.

4. Hubble Jupiter Data Release - 7 MAY 2020

A set of Jupiter imaging observations over the 2016-2019 period is being released to the community in processed map form. The data are primarily synchronous with the 53-day period of close Jupiter approaches by the NASA Juno spacecraft. Images were obtained with the WFC3 instrument on the Hubble Space Telescope (225-889 nm) and with the NIRI instrument at the Gemini North Observatory (4.7 μm).

The observations are described in an open-access paper by Wong et al. in The Astrophysical Journal Supplement Series.

The high-level science products are available at the Mikulski Archive for Space Telescopes (MAST).

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