

November 2021 Newsletter

Greetings from Your Planetary Sciences Section Leadership!

The holiday season is just around the corner, and you know what that means – AGU Fall Meeting! We are looking forward to seeing you all either in person or virtually. If you have any questions or concerns about the meeting, please feel free to reach out to any of us.

Michael Mischna, President

Paul Byrne, President-Elect

Jennifer Whitten, Secretary

Sam Birch, Early Career Representative

Ashley Schoenfeld, Student Representative

Rosaly Lopes, Past-President

Upcoming Deadlines & Events

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)

Upcoming Conferences (all conferences virtual unless otherwise noted)

- **November 16 - 17, 2021:** Hayabusa 2021: 8th Symposium of Solar System Materials
- **November 18, 2021:** Lunar Surface Science Workshop -- Virtual Session 12: Landing sites and capabilities for future CLPS deliveries
- **November 18 - 20, 2021:** Meeting of the Astronomical Society of the Pacific
- **November 29 - December 3, 2021:** Venera-D: Venus Cloud Habitability System Workshop
- **December 13 - 17, 2021:** AGU Fall Meeting, New Orleans, LA [Hybrid]
- **December 14 - 17, 2021:** Evolved Stars and their Circumstellar Environments

Planetary Sciences Announcements/Updates

1. AGU Fall Meeting Workshop – Distributed Acoustic Sensing in Earth Sciences: From Novice to Cutting Edge (12 December 2021)

Workshop Overview: This workshop is designed to introduce the AGU community of researchers to fiber-optic based acoustic sensing or DAS. DAS is capable of measuring strain and/or strain rate at thousands of locations over kilometers of optical fiber at frequencies covering the sub- Hertz to 20 kHz range!

Who should attend: DAS is now widely used in seismology, and has the potential to impact almost all of AGU's Sections of earth and space sciences. The workshop will include discussions of opportunities in glaciology, ocean sciences, atmospheric sciences, hydrology, geodesy, volcanology, geomorphology and even planetary sciences!

The workshop is divided into two consecutive modules, the first designed for complete novices and will focus on the basics of operation. In the second module, emphasis will be on recent examples of DAS experiments as well as a comprehensive discussion on how to design a DAS- enabled experiment in boreholes, surface mode and in urban/infrastructure environments. Instrument vendors will also be present to discuss current systems and how to adapt them to your research needs. The workshop will be in person and virtual.

For more information, contact [Scott Tyler](#) or [Herb Wang](#).

Registration: Sign up for the workshop when you register for [Fall Meeting 2021](#). The cost of the workshop is \$150. Travel support is available for early career participants.