

NOW Newsletter- February 2021

This newsletter is also accessible via our website oceanworlds.space

Making Waves with NOW

- Call for NOW Waves, please submit to: kpietro@whoi.edu
 - o Alejandro Soto: Mixing Titan's lakes with methane and ethane
 - o Rajani Dhingra: <u>Titan's north pole: cold, wet, and bright</u>

Recent NOW Events

- Jan 4th Lecture Series, Season 1 Episode 4: "Life on the surface and in the atmospheres," on YouTube
- Feb 1st Steering Committee Meeting, Lightning Talks (Vishaal Singh, Laura Rodriguez, Kris Zacny)

NOW Upcoming Events

- Feb 22nd Future Leaders in Ocean Worlds (FLOW) organizational meeting. Google Form sign-up
- March 1st St Comm 1pm ET/ 10am PT
 - o Decadal Survey-Ocean Worlds and Dwarf Planets update (Alex Hayes, Panel Chair)
 - o Lightning Talks (Xingting Yu, Jordan Steckloff, Aaron Noell)
- March 29th NOW Quarterly Lecture Series: Season 2 Science Motivations for Ocean Worlds Exploration; Episode 1: Signature of Life- Detection and Characterization via Webex 1pm ET/ 10am PT
- April 26th St Comm 1pm ET/ 10am PT: Lightning Talk slots still to be confirmed volunteer now ©

Decadal Survey (Ocean Worlds and Dwarf Planets) Open Sessions [meetings at 1:00-2:30pm EST, urls tbc]

- Feb 19th: Connections Between Terrestrial Field Work and OW Exploration
- Feb 26th: Laboratory Experiments
- March 12th: Research and Analysis Grants

Other Meetings, Workshops and Activities

- February 22-26, 2021 Habitable Worlds 2021
- March 4, 2021 Europa Lander Speaker Series #3
- March 15-19, 2021 Lunar and Planetary Science Conference
- March 18, 2021 C-DEBI Networked Speaker Series
- September 14-17, 2021 AbGradCon 2021
- Oct 25, 2021 Modern Brines Across the Solar System
- May 15-20, 2022 <u>AbSciCon</u>

Recent Publications Relevant to Ocean Worlds

• Ray et al., 2020. Oxidation processes diversify the metabolic menu on Enceladus. *Icarus*, 114248.

Career Opportunities

- <u>Tenure Track Scientist</u> in Seafloor Geoscience, Woods Hole Oceanographic Inst, Department of Geology and Geophysics (Review of applications begin March 1st)
- <u>Postdoctoral Scientist Position</u> in Microbe-Mineral Interactions for Astrobiological Research, Harvard University, Department of Oganismic and Evolutionary Biology (Primary consideration by March 15th)

Proposal Calls

- NASA SMD Early Career Faculty, (NOI due 2/24/2021, proposal due 3/24/2021)
- PI Launchpad: Developing Your First Flight Mission Proposal, (due 3/22/2021)
- CDAP Cassini Data Analysis Program (5/7/2021; 7/9/2021)
- PSTAR Planetary Science and Technology Through Analog Research (7/23/2021; 10/7/2021)

Education and Outreach

- 2021 NASA Planetary Science Summer School (due 4/1/2021)
- National Academy Lloyd V. Berkner Space Policy Internships 2021 (due 6/4/2021)