
Making Waves with NOW

- This month's new release: Maryse Napoleoni, [Probing the Oxidation of Ocean Worlds with SUDA: Fe\(II\) and Fe \(III\) in Ice Grains.](#)
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: kpietro@whoi.edu

Meetings, Workshops and Activities

- May 20 [Origins Seminar Series](#)
- May 20 [Effective Mentoring Practices: Professional Development Semiar](#), LPI
- May 21 [NASA Town Hall for Planetary Research Programs](#)
- May 21 [Nfold Think Tank](#)
- May 23 [NASA Earth Surface and Interior Dual Anonymous Peer Review Town Hall](#)
- May 21-23 [Uranus Flagship Workshop](#)
- May 21-24 [International Astrobiology School](#)
- May 29 [Planetary Cross-AG EDIA Working Group](#)
- June 3-6 [Terrestrial Analogues for Solar System studies](#)
- June 4-6 [European Astrobiology Institute General Assembly](#)
- June 10-14 [AbGradCon](#)
- June 12-13 [Outer Planets Assessment Group \(OPAG\)](#), *NOW Posters welcome: deadline 6/3/24*
- July 7-12 [IEEE International Geoscience and Remote Sensing Symposium](#)
- July 24-27 [Communicating Science Flagship Workshop](#),
- Aug 12-14 [Terrestrial Analogs for Planetary Exploration Workshop](#)
- Aug 18-23 [Goldschmidt Conference, Icy Ocean Worlds Session: Exploration and Habitability](#),
- Sept 22-26 [14th International Congress on Extremophiles](#)
- Nov 13-15 [Exoplanets in our Backyard III](#)
- Dec 9-13 [AGU](#)

Recent Publications Relevant to Ocean Worlds

- [Ballantyne, H.A. et al. 2024.](#) Sputnik Planitia as an impactor remnant indicative of an ancient rocky mascon in an oceanless Pluto. *Nat Astron.*
- [Bellanger M, et al. 2023.](#) Viral enumeration using cost-effective wet-mount epifluorescence microscopy for aquatic ecosystems and modern microbialites. *Appl Environ Microbiol* 89:e01744-23.
- [Burkhard L., et al. 2024.](#) Comment on 'A global system of furrows on Ganymede indicative of their creation in a single impact event' by Hirata, N., Suetsugu, R. and Ohtsuki, K. (*Icarus* 352, 2020): Investigating the influence of the hypothesized ancient impactor on Ganymede's orbital eccentricity, *Icarus*, Volume 416, 2024, 116088, ISSN 0019-1035.
- [Fisk M., et al 2023.](#) Decorated Vesicles as Prebiont Systems (a Hypothesis). *Orig Life Evol Biosph.* 2023 Dec;53(3-4):187-203. doi: 10.1007/s11084-023-09643-0. Epub 2023 Dec 11. PMID: 38072914.
- [Khawaja N., et al. 2024.](#) Laboratory characterization of hydrothermally processed oligopeptides in ice grains emitted by Enceladus and Europa *Phil. Trans. R. Soc. A.* 38220230201.
- [Rhoden, A. R. et al. 2024.](#) The evolution of a young ocean within Mimas, *Earth and Planetary Science Letters*, Volume 635, 2024, 118689, ISSN 0012-821X.

New Job Postings

- [Postdoctoral Scholar](#) Department of Physics University of Central Florida, 5/31/2024
- *Previously advertised posts archived [HERE](#)*

Proposal Calls

- [Engagement Opportunities in NASA STEM 2024](#) (EONS 2024), 6/6/2024
- [NASA Postdoctoral Program](#), 7/1/2024

News, Education, and Outreach

- [Dragonfly Student & Early Career Investigator Program, 6/10/2024](#)
 - Please note, this program is targeting students who are not currently involved in NASA missions and planetary science.
- [Astrobiology, Issue #9: Becoming an Astrobiologist](#)
- [Join the Cross- AG EDIA Working Group](#)
- [Ocean Worlds Working Group \(OWWG\) Mailing List](#)
- [NASA Astrobiology SciComm Guild](#)
- [NASA Astrobiology Mailing List](#)