

PCE₃ Newsletter

General Announcements

Have something you would like to share with the PCE3 community? Feel free to let us know (<https://forms.gle/XzrYpgFr8FzRdjrX6>)

Interested in joining the PCE3 Science Communication team? Early- and mid-career scientists are encouraged to join. If you are interested, please contact us at pce3scicomm@gmail.com

Check out the PCE3 Sci Comm twitter [here](#) for more updates.

Upcoming Meetings & Events

NASA Astrobiology Program Town Hall,

September 8, 2023. Virtual

European summer school: Impacts and their Role in the Evolution of Life

September 5-14, 2023, Nördlingen, Germany

Life in the Universe Conference

September 12-15, 2023, Cambridge, MA, USA

4th AbGradE workshop

September 18, 2023, Madrid, Spain

European Astrobiology Network Association (EANA) 2023 conference

September 19-22, 2023, Madrid, Spain

AbSciCon24 soliciting session and town hall proposals

Deadline September 20th

European summer school: Volcanism, Plate Tectonics, Hydrothermal Vents and Life

October 10-22, 2023, Angra do Heroísmo, Azores (Portugal)

European Astrobiology Institute Workshop: Life in the Sub-Surface: Habitats, Species, Metabolism and Survival Strategies

October 25-27, 2023, Angra do Heroísmo, Azores (Portugal)

Origins of life Donostia meeting

October 2-4, 2023, Donostia, Basque Country (Spain)

AGU23 Fall meeting (with a PCE3 session)

December 11-15, San Francisco, CA, USA & online

AstroBio Seminars - Polskie Towarzystwo Astrobiologiczne

News and Press Releases

Scialog Awards: Signatures of Life in the Universe

A NASA Astrobiology Community Update from the Directors of the Divisions of Astrophysics and Planetary Science

NASA Selects Cross Divisional Teams for Astrobiology Research

Rosalind Franklin Society Awards Recognize Laurie Barge

John Rummel Honored with 2023 Drake Award

BIOTA and SETI Institutes collaborate on new Genesis Laboratory supporting origin of life research

Recent Papers

Submitted by the PCE3 community. Advertise your paper in the next newsletter [here](#).

- Kobayashi et al. (2023) [Formation of Amino Acids and Carboxylic Acids in Weakly Reducing Planetary Atmospheres by Solar Energetic Particles from the Young Sun](#)
- Alejo et al. (2022) [Diffusion control in biochemical specificity](#)
- Sweeney et al. (2023) [A ribozyme that uses lanthanides as cofactor](#)
- Trail and McCollom (2023) [Relatively oxidized fluids fed Earth's earliest hydrothermal systems](#)

Funding Opportunities

- Eugene and Carolyn Shoemaker Impact Cratering Award for students anywhere in the world studying craters and their impact on the local geology/biology/chemistry **(Due Aug 25)**
- SETI Forward for undergrads **(Due Sept 8)**
- NASA SCoPE AGU Travel Grants for Early Careers **(Due Sept 15)**
- Alan T. Waterman Award (NSF) **(Due Sept 15)**
- NASA Laboratory Analysis of Returned Samples (no due date)
- NASA Emerging Worlds (no due date)
- NASA Exobiology (no due date)
- NASA Solar System Workings (no due date)
- NSF Chemistry of Life Processes (no due date)

Career Opportunities

- Astrobiology: The Evolution of Life in the Physical Environment - NASA Ames Research Center - Due November 1, 2023.
- Astrobiology of Returned Samples - NASA Goddard Space Flight Center - Due November 1, 2023.
- Planetary Science and Technology Through Analog Research (PSTAR) - NASA - Due November 1, 2023.
- Laboratory Research in Astrobiology and Planetary Science Cryogenic Ice Chemistry - ORAU
- Exobiology: Living Systems Science - NASA - Due November 1, 2023.
- Postdoctoral Scholar in Microbe-Mineral Interactions and "Agnostic" Astrobiology - Boston University.
- Sr Scientist, Staff at Universities Space Research Association in Houston, TX -
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Planetary Systems Biochemistry - NASA - Due November 1, 2023.

- [ICAR - Alien Earths: Which Nearby Planetary Systems Are Likely to Host Habitable Planets and Life?](#) - NASA - Due November 1, 2023.
 - [ICAR - The Consortium on Habitability and Atmospheres of M-dwarf Planets \(CHAMPs\)](#) - NASA - Due November 1, 2023.
 - [Assistant/Associate Professor](#) - Purdue University
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