

# PCE<sub>3</sub> Newsletter



## General Announcements

**PCE3 is now also on BlueSky! Follow us [@pce3-sci.bsky.social](https://bsky.app/profile/pce3-sci.bsky.social)**

Have something you would like to share with the PCE3 community? Feel free to let us know [here](#).

The **PCE3 Early Career Committee** (ECC) have created a PCE3 Early Career Interests Assessment survey for completion by those of you who are considered in your early career stage. Complete the survey [here](#).

### **Call for volunteers for the Science Communication team!**

Interested in joining the PCE3 Science Communication team? Early- and mid-career scientists are encouraged to join. If you are interested, contact [pce3scicomm@gmail.com](mailto:pce3scicomm@gmail.com)

Note from the **AbGradCon** organizing committee:

We're excited to announce the **Astrobiology Graduate Conference (AbGradCon) 2026!** Applications for the conference are now open!

### **Conference Details**

- **Location:** University of Arizona, Tucson, AZ, USA
- **Dates:** September 14th - 18th, 2026
- **Eligibility:** Graduate Students and Postdoctoral Researchers.
- **Funding:** Accepted applicants will receive a funding package to help cover attendance costs.

## **How to Apply**

- Submit your **application** here: <https://forms.gle/Fb51D5z9dH1Njam37>
- Deadline: May 29th at midnight PST
- For more information on the submission process, please visit the website: <https://www.abgradcon.org/>

Please share this opportunity with other Graduate Students or Postdocs who may be interested. If you have any questions, you can reach out to us at [abgradcon@gmail.com](mailto:abgradcon@gmail.com).

[NASA Seeks Partners for the Astrobiology Science Conference](#) (NOI Due July 17th, 2026)

**Scroll at the bottom of this newsletter for a complete list of all PCE3-related AbSciCon 2026 sessions!**

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

## **Upcoming Meetings & Events**

[Potential & Limitations of Evolutionary Processes Meeting \(PLEP '26\)](#)

May 10 – 14, 2026. Lower Galilee, Israel

[Astrobiology Science Conference 2026 \(AbSciCon'26\)](#)

May 17 – 22, 2026. Madison, WI, USA

[MOM 2026: Molecular Origins of Life - Munich](#)

June 11 - 12, 2026. Munich, Germany.

[Origins 2026 – ISSOL & IAU Joint Symposium](#)

July 5 – 10, Paris, France

[EANA 2026 \(European Astrobiology Network Association\)](#)

September 1 - 4, 2026. Neuchâtel, Switzerland.

[Interdisciplinary Origin of Life Meeting for Early Career Researchers \(IOoL2026\)](#)

September 9 - 11, 2026. Tokyo, Japan.

[AbGradCon 2026 \(Astrobiology Graduate Conference\)](#)

September 14 - 18, 2026. Tucson, AZ, USA.

[Workshop on the Integrated Science of Comets](#)

September 22-24, 2026. LPI, Houston, Texas

### **Courses:**

[Summer Training in Astrobiology Research \(STAR\) 2026 Bootcamp](#)

Wisconsin Center for Origins Research  
June 1 - 5, 2026. Madison, WI, USA.

[Summer school: "Biosignature and the search for Life on Mars"](#)

June 18 - 26, 2026. Reykjavik and Akureyri, Iceland.

[Josep Comas i Solà International Astrobiology Summer School](#)

June 29 - July 3, 2026. Santander, Spain.

[Summer school: "Icy Bodies and Life"](#)

August 1 -8, 2026. Tartu, Estonia.

[Extraterrestrial Materials Academy \(ETMA\)](#)

August 12 - 15, 2026. LPI, Houston, Texas

[Workshop on the Integrated Science of Comets](#)

September 22-24, 2026. LPI, Houston, Texas

## **News**

Just released: A special collection for Astrobiology, themed "[An Origin of Life on Land](#)", edited by the BIOTA Institute. See the press release [here](#).

[NASA's Curiosity Finds Organic Molecules Never Seen Before on Mars](#)

[Asteroid Bennu reveals a new pathway to life's chemistry](#)

[NASA Research Shows Early Life Relied on Rare Metal](#)

[JWST uncovers rich organic chemistry in a nearby ultra-luminous infrared galaxy](#)

## **Funding Opportunities**

[Future Investigators in NASA Earth and Space Science and Technology 2025](#) July 16, 2026

[NASA ROSES Solar System Science](#): Next deadline: Aug 1, 2026

[John Templeton Foundation](#), next OFI due by August 14, 2026

[NSF Chemistry of Life Processes](#) no due date

## Career Opportunities

[Postdoctoral Research Associate, Brown University, Earth, Environmental and Planetary Sciences \(May 6, 2026\)](#)

[Assistant Scientist at the Green Bank Observatory \(May 11, 2026\)](#)

[Postdoc of Astrophysics and Planetary Science, Niels Bohr Institute \(May 26, 2026\)](#)

[Dragonfly Student & Early Career Investigator Program \(May 29, 2026\)](#)

[Postdoctoral Researcher \(Experimentalist\), Melwani Daswani Lab, Earth-Life Science Institute \(June 15, 2026\)](#)

[Postdoctoral Researcher \(Modeler\), Melwani Daswani Lab, Earth-Life Science Institute \(June 15, 2026\)](#)

[Program Scientist Opportunity in the Planetary Science Division at NASA Headquarters](#)

## AbSciCon'26 Sessions Related to PCE3

- 01 - [AI and Machine Learning for Discovery and Biosignature Detection in Astrobiology](#)
- 02 - [AI-Driven Autonomous Exploration of Prebiotic Chemistry and Planetary Environments](#)
- 09 - [Connecting Instrument Experts and Developers with Analog Scientists To Test Mission-Relevant Life-Detection Capabilities](#)
- 10 - [Deciphering planetary organic inventories across the abiotic - prebiotic - biotic spectrum: uncovering the signs of life as we might not know it](#)
- 14 - [Earth as a window for searching for Habitable Worlds](#)
- 18 - [Microscopic Worlds, Macroscopic Questions: Fluid Inclusions and Their Astrobiological Potential](#)
- 22 - [Applying Biosignatures to Constrain the Fingerprint, Origins, Evolution, and Evolvability of Life](#)
- 23 - [Beyond an RNA - Protein World: The Roles of Other Polymers in Life's Origins](#)
- 24 - [Compartmentalization: From Molecular Tunnels to Communities](#)
- 28 - [Origins of Life in Planetary Context](#)
- 29 - [Proteins: From So Simple a Beginning](#)

- 32 - [How Disequilibria Fuels Life: Observations of metabolic opportunities related to dramatic environmental gradients](#)
  - 36 - [The Emergence and Evolution of Metabolic Machines](#)
  - 46 - [Luna: A Laboratory for Life – The Moon as an Abiotic Platform for Astrobiological Science](#)
  - 84 - [Biopolymers to bridge prebiotic chemistry and simple biology](#)
  - 85 - [Planetary and Environmental Context for Prebiotic Chemistry](#)
  - 86 - [Alive but not Life: An Exploration of Living System Models That Do Not Use or Rely Upon Biochemistry](#)
  - 87 - [Dry–Wet Cycling as a Driver of Chemical Evolution](#)
  - 88 - [Exploring self-assembly and self-organization: from prebiotic molecules to the emergence of organic complexity and implications towards the future exploration of Ocean World](#)
  - 89 - [From Stardust to Stargazing: Drivers of Evolution from Chemistry to Biology](#)
  - 90 - [Mechanisms for the Prebiotic Emergence of Homochirality and Implications for Life Detection](#)
  - 91 - [New Approaches to Bridging the Abiotic–Biotic Divide: From Catalytic Assemblies to Network Analysis to Information Theory](#)
  - 93 - [The Messy Chemistry of Planetary Environments: Prebiotic Chemistry Experiments of Planetary Analogues](#)
  - 94 - [Prebiotic Organic Chemistry in Solar System and their Role in the Emergence of Life on the early Earth](#)
- 

If you would like to opt out of receiving the newsletters, please click the unsubscribe button at the bottom of this email.

---



*Copyright (C) 2026 PCE3 Science Communications Team. All rights reserved.*