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**Opportunity Title:** Chemistry of Planetary and Exoplanetary Atmospheres
**Opportunity Reference Code:** 0020-NPP-NOV23-JPL-PlanetSci

**Organization** National Aeronautics and Space Administration (NASA)

**Reference Code** 0020-NPP-NOV23-JPL-PlanetSci

**Application Deadline** 11/1/2023 6:00:59 PM Eastern Time Zone

**Description** The postdoctoral researcher will develop novel instrument techniques based on IR heterodyne remote sensing, nano-photonics, and photonic integrated circuits. Our objective is to enable new measurement capabilities for studying planetary chemistry, habitability, astrobiology, and climate evolution.

In addition, researchers in exoplanetary science are strongly encouraged to apply as well. We are developing a coupled ocean-rock-atmosphere chemistry model for extrasolar planets, and welcome applicants to conduct research in habitability evolution and biosignatures for exoplanets.

**Location:**
Jet Propulsion Laboratory
Pasadena, California

**Field of Science:**Planetary Science

**Advisors:**
Pin Chen
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818-393-0412

**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: https://www.nasa.gov/oiir/export-control.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

**Eligibility Requirements**

- **Degree:** Doctoral Degree.