

Opportunity Title: Approaches and techniques for measurements in radio cosmology

Opportunity Reference Code: 0155-NPP-NOV23-JPL-Astrophys

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0155-NPP-NOV23-JPL-Astrophys

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

Description The Jet Propulsion Laboratory is seeking postdoctoral applications from those with an interest in cosmological measurements with the next generation of instrumentation in the range of radio through mm-wave. Applicants are particularly sought in the areas of 21-cm cosmology, the cosmic microwave background frequency spectrum, and intensity mapping of large-scale structure, with a focus on developing techniques and methods for overcoming the obstacles that have so far limited such measurements. These obstacles include, for example, foreground removal issues, calibration techniques, and other instrument-related systematic errors.

The successful candidate will be expected to identify and carry out an innovative research program in one or more of these science areas.

Location:

Jet Propulsion Laboratory
Pasadena, California

Field of Science: Astrophysics

Advisors:

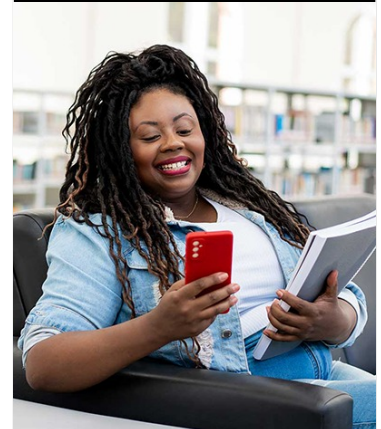
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Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiir/export-control>.

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.



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