

**Opportunity Title:** SiC Circuit and Device Design and Fabrication

**Opportunity Reference Code:** 0013-NPP-NOV23-GRC-TechDev

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

**Reference Code** 0013-NPP-NOV23-GRC-TechDev

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

**Description Opportunity Restricted to US Citizens Only**

This postdoctoral position involves the design and fabrication of silicon carbide circuits and Micro Electromechanical Systems (MEMS) devices for high-temperature applications. The task will involve working with NASA engineers in the design and fabrication of electronic devices and circuits. Further, an understanding of fabrication processes associated with MEMS devices is preferred. The applicant should have experience in either silicon or silicon carbide device processing in a clean room setting. Further, the applicant should have experience in semiconductor device and circuit design and modeling, including use of semiconductor device and circuit simulation tools.

**Location:**

Glenn Research Center  
Cleveland, Ohio

**Field of Science:**Technology Development

**Advisors:**

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- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** Doctoral Degree.



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