

Post Doctoral Fellow
The University of Texas at Austin

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Posted Sep. 24, 2024, set to expire Jan. 24, 2025

Job Title	Post Doctoral Fellow
Department	Oden Institute / Aerospace Engineering and Engineering Mechanics http://www.ae.utexas.edu
Institution	The University of Texas at Austin Austin, Texas
Date Posted	Sep. 24, 2024
Application Deadline	Nov. 1, 2024
Position Start Date	Nov. 1, 2024
Job Categories	Post-Doc
Academic Field(s)	Aerospace/Aeronautical/Astronautics Engineering - Other

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Job Description

We are looking for a post-doctoral fellow to work in the area of plasma torch diagnostics and high-temperature material-response. For this position we require excellent experimental skills and experience with conventional and optical flow diagnostics. The successful candidate will work with the UT Austin 50 kW inductively-coupled plasma torch. Ongoing work in the plasma torch includes emission spectroscopy, laser-induced fluorescence, spontaneous Raman scattering, and coherent anti-Stokes Raman spectroscopy (CARS). Experience with plasma diagnostics is desirable, but not required.

Qualifications:

- PhD in Engineering, Physics or Chemistry
- Experience with experimental gas dynamics and optical diagnostics

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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