

**Postdoctoral Research Associate
Marquette University**

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Posted Feb. 28, 2024, set to expire Jun. 29, 2024

Job Title	Postdoctoral Research Associate
Department	Mechanical Engineering https://www.eng.mu.edu/ccl
Institution	Marquette University Milwaukee, Wisconsin
Date Posted	Feb. 28, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Computer Science
Job Website	https://www.eng.mu.edu/ccl/recruitment/
Apply By Email	
Job Description	

The Computational Combustion Laboratory (CCL) at Marquette University is looking for a Postdoctoral Research Associate for a highly interdisciplinary and collaborative project. The main research objective of the project is to develop multiscale modeling approaches for combustion. The postdoc will also be responsible for implementing novel computational approaches in open-source CFD software.

Desired qualifications:

- A Ph.D. (completed or nearing completion) in mechanical engineering or a related field (including computer science/engineering)
- Prior experience with computer programming
- Prior experience with CFD modeling (particularly LES), and

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- Experience in combustion modeling
- Strong consideration will be given to candidates with a **demonstrated background in CFD / combustion modeling / parallel computing.**

Interested candidates should send an email mentioning their interest and qualifications along with their **CV and contact information for two references to Dr. Somesh Roy** (somesh.roy@marquette.edu).

The position start date is flexible and preference will be given to candidates that can begin in **May 2024**. The initial appointment will be for **one year with support available for a second year.**

At the Computational Combustion Laboratory (CCL), we work to tie together the fundamental knowledge at an atomic level with global models at the atmospheric level to better understand global environmental issues. CCL offers a unique opportunity to work with scientists, community organizers, and artists.

EEO/AA Policy

It is the policy of Marquette University to provide equal employment opportunities (EEO) to all employees and applicants without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status or any other applicable federal or state-protected classification.

Contact Information

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

Contact Somesh Roy
Mechanical Engineering
Marquette University
Milwaukee, WI

Postdoctoral Research Associate
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Contact E-mail somesh.roy@marquette.edu