

PhD Position in Computational Fluid Dynamics Auburn University

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Posted Aug. 5, 2024, set to expire Dec. 5, 2024

Job Title PhD Position in Computational Fluid Dynamics
Department Aerospace Engineering
<https://eng.auburn.edu/aero/>
Institution Auburn University
Auburn, Alabama

Date Posted Aug. 5, 2024

Application Deadline Open until filled
Position Start Date Spring or Fall 2025

Job Categories Graduate Student

Academic Field(s) Mechanical Engineering
Engineering Physics
Engineering Mechanics
Computer Science
Aerospace/Aeronautical/Astronautics

Job Website <https://eng.auburn.edu/program/phd-aerospace-engineering>

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Job Description

Ph.D. positions are available in the Computational Fluids Group (www.aub.ie/cfg) of the Department of Aerospace Engineering at Auburn University starting Spring or Fall 2025. The student will work on numerical methods and flow models for large-scale simulations of compressible turbulence and fluid-structure interactions in high-speed flows. Additional topics of interest can be found on the group webpage listed above.

Candidates with background in fluid mechanics, numerical simulations, and parallel programming are encouraged to apply. Candidates with a master's degree are preferred. Prior experience in computational fluid dynamics, large-eddy simulations, and finite difference/volume methods is a plus. The candidates are expected to have a strong academic record, and excellent verbal and written communication skills. Additional admission requirements are described at the following link: <https://eng.auburn.edu/program/phd-aerospace-engineering>

Interested applicants should email their CV with a cover letter, Transcripts, any previous publication(s), GRE/TOEFL scores to Nek Sharan (nsharan@auburn.edu).

EEO/AA Policy

Auburn University does not discriminate on the basis of race, color, national origin, sex, religion, disability, or age in its programs and activities. For additional information visit <https://cws.auburn.edu/TitleIX/pm/aaeeo>.

Contact Information

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

Contact Nek Sharan
 Aerospace Engineering
 Auburn University

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Contact E-mail nsharan@auburn.edu