

Ph.D. Students in Computational Fluid Dynamics and Combustion

Description:

The Computational Fluid Dynamics (CFD) and Propulsion Laboratory in Colorado State University Department of Mechanical Engineering is recruiting two Ph.D. students to work on the development of high-resolution numerical algorithms for large-eddy simulation of combusting flows and their application to gas turbine combustors.

Requirements:

- B.S./M.S. in Mechanical Engineering, Aerospace Engineering, or related field
- Background in CFD, combustion, computational methods or scientific computing
- Strong and demonstrative interest in programming with C++ and Fortran
- Experience in the development of numerical algorithms for partial differential equations is highly desired
- Good technical writing and oral presentation skills in English

Applicants should send a statement of research and a CV including contact information of three referees to Dr. Xinfeng Gao (gao@engr.colostate.edu).

Please visit http://www.engr.colostate.edu/me/pages/grad_applications.html for more details about application requirements and procedures.