



Edward Kristopher Biegert

Graduate Institution: University of California - Santa Barbara

Graduate Discipline: Computational Fluid Dynamics

Hometown: Houston, TX

Relevant SC Research: Basic Energy Sciences

Research Interest:

While my interests include a broad range of topics related to fluid dynamics, my research is focused on the dynamics of particle suspensions in fluids. I am interested in gaining a better understanding of the physics behind fluid-particle interactions using direct numerical simulations. My goal is to develop a simplified model to represent these interactions at a larger scale to

improve the accuracy of macro-scale simulations (e.g. turbidity currents).

About Me:

I graduated from Rice University with a B.S. in Mechanical Engineering. I am currently finishing my first year of graduate school in the Department of Mechanical Engineering at the University of California, Santa Barbara, where I am working in Professor Eckart Meiburg's

CFD Lab. I am involved with the Division of Fluid Dynamics of the American Physical Society (APS) as well as the Community Surface Dynamics Modeling System (CSDMS). Upon graduating, I would like to continue my research career in industry. In my spare time, I enjoy outdoor activities, particularly camping and hiking.



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