

Sivaramakrishnan Balachandar

Distinguished Professor at University of Florida

Gainesville, FL, US

Balachandar studies data-driven solutions of industrial and environmental multiphase flow processes from volcanic eruptions to fuel spray.

Biography

Sivaramakrishnan Balachandar is the Ebaugh Professor and a distinguished professor in the Herbert Wertheim College of Engineering. He is the founding director of the college's Institute for Computational Engineering. He was the director of the Center for Compressible Multiphase Turbulence. He studies data-driven solutions of industrial and environmental multiphase flow processes from volcanic eruptions to fuel spray.

Areas of Expertise

Space, Petascale and Exascale Computing, High-Speed Multiphase Flows, Environmental Flows, Turbulent Flow, Multiphase Flow, Machine Learning for Multiphase Flow, Shock-Particle Interaction, Large-Scale Simulations

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