Stanford



Rozie Zangeneh

Physical Science Research Scientist, Program-Mani, A.

Curriculum Vitae available Online

Bio

BIO

Dr. Rozie Zangeneh is a physical science research scientist in the Department of Mechanical Engineering at Stanford. She develops and utilizes scientific computational tools and conducts massively parallel computations to study detailed physical processes in multiphysics flows and energy systems to develop data-driven low-order models for affordable computation of highly turbulent systems.

Rozie received her Ph.D. in Mechanical Engineering from the University of Maine. Her primary research interests include turbulence modeling (LES and RANS), data-driven and reduced-order models, high-speed aerothermodynamics, and the aerodynamics of wind turbines.

ACADEMIC APPOINTMENTS

- Physical Science Research Scientist, Program-Mani, A.