



PhD Positions @ the University of Wisconsin-Madison

Two PhD positions are available starting Summer/Fall 2019 in the Manufacturing and Mechanics Lab (MaMeL) within the Civil and Environmental Engineering Department at the University of Wisconsin-Madison under the supervision of Professor Pavana Prabhakar. The research topic is in the area of Mechanics of Hybrid Composites, and will involve theoretical/computational multiscale and multiphysics modeling in combination with experimental manufacturing and characterization studies.

Required Background for the Positions

We are looking for candidates with a strong background in Advanced mechanics of materials, Computational solid mechanics and Fracture mechanics. Prior knowledge of Polymer Composites and manufacturing will be advantageous. Proficiency in programming skills using Python/C++/Fortran and using commercial finite element packages such as ABAQUS is a required.

Interested candidates should send their CV to Professor Pavana Prabhakar (pavana.prabhakar@wisc.edu)

Lab Website: <http://mamel.engr.wisc.edu/>