



Funded Ph.D. position in the Department of Mechanical Engineering- Engineering Mechanics at the Michigan Technological University. Starting September 2018.

We are looking for a self-motivated PhD student to study Machine Learning enabled computational models for applications in Biomedical Imaging and Multi-Scale Material Modeling.

This project will draw ideas from various subjects including Computational Mechanics, Machine Learning and Materials Physics. This is a collaborative project between MTU and University of Wisconsin, Madison.

The candidate would have access to the advanced computing facilities, collaborations with researchers in other universities, and experimental collaborations.

Applications are sought from individuals having a MS (or equivalent) degree in engineering/physics/applied-mathematics with a strong background on *Continuum Mechanics*, *Computational Mechanics* and/or *Materials Physics*. Experience in programming is desirable but not required. Should you be interested in the position, please, email your detailed CV to [susantag\[at\]mtu\[dot\]edu](mailto:susantag[at]mtu[dot]edu)

Susanta Ghosh

[susantag\[at\]mtu\[dot\]edu](mailto:susantag[at]mtu[dot]edu)

<http://www.mtu.edu/mechanical/people/research-faculty/ghosh/>

The National Science Foundation (NSF) ranks Mechanical Engineering in RESEARCH EXPENDITURES at Michigan Tech 18th in the U.S.