



Funded Ph.D. position in the Department of Mechanical Engineering- Engineering Mechanics at the Michigan Technological University. Starting: August 2024.

Please forward this message to anyone who you feel might be interested in this position.

We are looking for a self-motivated Ph.D. student to study integrated Computational Mechanics and Machine Learning models for multi-scale-modeling of nanomaterials.

The research project will draw ideas from various subjects including Computational Mechanics, Machine Learning, and Scientific Computing. It is a collaborative project between Michigan Tech and University of California, Los Angeles.

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 an MS (or equivalent) degree in Mechanical/Civil/Aerospace-engineering/physics/applied-mathematics with a strong interest in *Computational Mechanics* and/or *Computational Physics*. Excellent candidates with a BS degree might be considered. Experience in programming and machine learning is desirable but not required. Should you be interested in the position, please, email your detailed CV to **susantag [at] mtu [dot] edu**

Thank you

Susanta Ghosh

<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 FY2020 (latest rankings) with \$20.255 Million among all Mechanical Engineering programs in the U.S.