Funded Ph.D. position in the Department of Mechanical Engineering- Engineering Mechanics at the Michigan Technological University. Starting June/September 2023.

Kindly 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 Machine Learning enabled computational models for applications in Material Modeling and Computational Mechanics.

This project will draw ideas from various subjects including Bayesian Machine Learning, Scientific Machine Learning, Projection-based model reduction, Computational Mechanics, and Medical Imaging. This 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 engineering/physics/applied-mathematics with a strong background on *Continuum Mechanics, Computational Mechanics* and/or *Computational Physics*. Excellent candidates with a BS degree might be considered. 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**

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.

Our Mechanical Engineering program is ranked 16 out of 272 ME programs nationwide in 2019 by College Factual on average early-career and average mid-career earnings. This places Michigan Tech's ME program in the Top 10% of all ME programs in the country reviewed by College Factual for value.

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Michigan Tech is an EOE which includes protected veterans and individuals with disabilities.