



## Classifieds

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### FACULTY POSITION

#### Materials Science and Engineering

As part of the cluster hire at the interface of artificial intelligence, big data, and computation (<https://www.mtu.edu/engineering/hire/index.html>), the Department of Materials Science and Engineering at Michigan Technological University invites applications for a tenure-track faculty position at the assistant professor level. Senior level individuals with exceptional records will also be considered. Research thrust areas of interest include (but not limited to): (i) computer vision for microstructure analysis and feature extraction (ii) machine learning for automated mining of big data generated from digital instrumentation, including '5 V' problems associated with atomic to nanometer scale collection, manipulation and interpretation from atomic resolution STEM (iii) computer simulation for interpretation of imaging, diffraction, property measurements, etc. (iv) expert system development for accelerated design of new material compositions and discovery of processing-microstructure-property relationships. We seek candidates who will help define their discipline by creating and exploiting new digital tools and techniques and collaborate across experimental and computational materials research.

Applications should be submitted online at <https://www.jobs.mtu.edu/postings/7342>. For more information about this hire (<https://www.mtu.edu/engineering/hire/materials.html>) and the department ([www.mtu.edu/materials/](http://www.mtu.edu/materials/)), please contact the Department Chair Dr. Stephen L. Kampe at [kampe@mtu.edu](mailto:kampe@mtu.edu).

*Michigan Tech is an ADVANCE Institution receiving two National Science Foundation grants to increase the participation and advancement of women and underrepresented/under-served individuals in STEM. Candidates are invited to bring a guest to an on-campus interview; additional details on dual career explorations in our Partner Engagement Program can be found here:*

**<http://www.mtu.edu/provost/programs/partner-engagement/index.html>**