NOW HIRING: ASSISTANT PROFESSOR IN ADVANCED MANUFACTURING

The Grainger Institute for Engineering and the departments of Mechanical Engineering, Material Science and Engineering, and Industrial and Systems Engineering at the University of Wisconsin-Madison seek candidates to join their interdisciplinary theme in the area of advanced manufacturing.

We are especially interested in candidates who have expertise in the following broad areas:

• Development of advanced manufacturing processes with an emphasis on polymer and composite processes, or metal additive systems.
• Design of materials which either (1) possess optimal properties and new functionalities arising from advanced manufacturing processes and/or (2) possess properties which enable manufacturability via advanced processes.
• Integrated Design and Manufacturing; novel programmable additive, subtractive, and hybrid manufacturing systems; new system architectures supporting design of complex systems, and cybermanufacturing
• Novel approaches for manufacturing systems (including plant- and enterprise-level) modeling, analysis, management, and optimization. Examples include but not limited to smart and connected manufacturing systems, data-enabled supply chain management, manufacturing system automation, and quality and productivity improvement.

Opportunity awaits.
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