

Ph.D. Positions in Mechanics, Materials, & Manufacturing of Soft Materials at Michigan State University

Information: The group of Dr. Shaoting Lin in the Department of Mechanical Engineering at Michigan State University has funded Ph.D. positions starting in Spring/Fall 2023. Domestic applicants with no need to attain visas can also be considered in Fall 2022. Successful candidates are expected to work in the broad area of mechanics, materials, and manufacturing of soft materials, targeting applications with societal impacts in long-term healthcare, sustainable water harvesting, and energy-saving buildings. Interested candidates can visit the personal webpage of Dr. Shaoting Lin for more information about his background and research interests (<https://sites.google.com/view/shaotinglin/home>).

Quantification and how to apply: We are looking for highly motivated students with Bachelor's or Master's degree in Mechanical Engineering, Materials Science, Civil and Environmental Engineering, Chemical and Biomolecular Engineering, Polymer Science and Engineering, Biomedical Engineering, Aerospace Engineering, etc. Interested individuals should send a detailed CV with both undergraduate and/or graduate transcripts to Dr. Lin via his current email (shaoting@mit.edu).

About Michigan State University: Michigan State University (MSU), founded in 1855, was a world-renowned public research university located in East Lansing. MSU is a member of the Association of American Universities (AAU), classified among R1 research universities, and named among Public Ivy. MSU's endowment had a market value of \$4.4 billion as of June 30, 2021, holding the fifth-highest endowment of all Big Ten schools. MSU has more than 30 members of the *National Academy of Science*, *National Academy of Engineering*, and *National Academy of Education* of U.S. MSU is ranked #108 in the *2022 Best Global Universities* (#46 in U.S.), #93 in the *2022 Times Higher Education World University Rankings* (#35 in U.S.), and #157 in *2022 QS World University Rankings* (#37 in U.S.). The Department of Mechanical Engineering at MSU is ranked #99 in the *2022 QS World University Rankings* (#26 in U.S.) and #49 in U.S. by US News.

About Dr. Shaoting Lin: Shaoting Lin will join the Department of Mechanical Engineering at Michigan State University as an assistant professor in Fall 2022. Dr. Shaoting Lin holds the position of Postdoctoral Associate at MIT. He earned his Ph.D. degree (2019) at MIT and got his M.S. degree (2013) and B.S. degree (2010) at Tsinghua University. His Ph.D. focused on fundamental problems associated with mechanical failures of soft materials and longevity of soft machines. His research mission is to leverage molecular design and theoretical modeling to develop high-performing soft materials for long-term healthcare, sustainable water harvesting, and energy-saving buildings. As the first/co-first author, he published 17 papers in leading journals such as *Sci. Adv.*, *Nat. Commun.*, *PNAS*, *JMPS*, including 4 ESI Highly Cited Papers. His research work was featured in *Nature*, *MIT News*, *BBC*, *Bloomberg*, etc. He was the recipient of the Chinese Government Award for Outstanding Self-Financed Students Abroad (2018), the Den Hortog Travel Award in Mechanics (2015), Kaifeng Scholarship (Top 10 at Tsinghua University, 2008), and National Scholarship (Top 5% at Tsinghua University, 2007).