



Postdoc position at UT Austin

The Fuhg Research Group in the Department of Aerospace Engineering and Engineering Mechanics (ASE/EM) at the University of Texas at Austin is looking for a postdoc in **computational solid mechanics** and **physics-informed machine learning** starting in Spring 2024.

Qualifications

- 1) A Ph.D. in Aerospace Engineering, Mechanical Engineering, Engineering Mechanics, Computational Engineering, Bioengineering, or related fields is preferred.
 - 2) Candidates with interests in the following areas will be given priority: (i) solid mechanics; (ii) computational engineering; (iii) machine learning.
- Strong Experience with Python or C++ will be a plus.

Application Instructions

Interested candidates are encouraged to send an email to Jan Fuhg at jan.fuhg@utexas.edu. Please include a brief description of your research interests and a CV.

About the Fuhg Research Group

Jan Fuhg joined UT-Austin ASE/EM as a tenure-track assistant professor in January 2024. He completed his Ph.D. in Mechanical Engineering at Cornell University. Jan holds an M.Sc. and a B.Sc. in Computational Engineering from Leibniz University Hannover, Germany.

The Research Group develops theoretical and computational tools for modeling and forecasting the mechanics of materials across different lengths and time scales. To achieve this, we employ and develop advanced machine learning and numerical simulation methods.

About UT-Austin ASE/EM

UT-Austin is the flagship school of the University of Texas System and was recently ranked the sixth-best engineering graduate program in the U.S. (U.S. News & World Report, 2023-2024). Austin's metropolitan area is known as "Silicon Hills" for being a cluster of high-tech companies, with offices of AMD, Amazon, Apple, Cisco, Facebook (Meta), Google, IBM, Intel, NXP Semiconductors, Texas Instruments, Tesla, and many others.