

Rami Haj-Ali
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Position Available in Computational Mechanics: Post-Doctoral Fellow Job description

A postdoctoral position is available in the Mechanics of Composite Materials (MCM) Lab at the Faculty of Engineering, Tel-Aviv University (TAU), Israel. The candidate will engage in multiple related projects in the area of micromechanics and multi-scale modeling. Background is a must in the following areas: numerical simulations, composite materials, computational mechanics, and in FE code development *especially in working with the Abaqus UMAT/UEL/Python environments*. The candidate will be part of the MCM Lab and will work with the lab members comprising of 4 PhD and 7 MSc students. A PhD in the field of engineering mechanics or related area is required. The appointment is for two years. Housing: available affordable housing within the TAU campus. Application material can be sent to:

Dr. Rami Haj-Ali
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School of Mechanical Engineering
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Evaluation Criteria

PhD in Mechanical/Aerospace Engineering or closely related disciplines.
Strong background in Nonlinear Finite Element Analysis.
Computer programming experience in external FE-USER subroutines
Written and interpersonal communication skills in English
Nonlinear micromechanics (GMC, HFGMC, Parametric HFGMC)