

PhD student, graduate assistant lowa State University

Direct Link: https://www.AcademicKeys.com/r?job=260795
Downloaded On: Nov. 25, 2025 8:40am
Posted Aug. 5, 2025, set to expire Dec. 5, 2025

Job Title PhD student, graduate assistant

Department Aerospace Engineering Department, Engineering

Mechanics program

https://www.aere.iastate.edu/directory/profile/vlevitas

Institution Iowa State University

Ames, Iowa

Date Posted Aug. 5, 2025

Application Deadline Open until filled

Position Start Date Available Immediately

Job Categories Graduate Student

Academic Field(s) Engineering Mechanics

Job Website http://vlevitas@iastate.edu

Apply By Email vlevitas@iastate.edu

Job Description

2PhD positions in modeling the interaction between phase transformations and viscoplasticity

2 PhD positions are available immediately in the Engineering Mechanics program in the Aerospace Engineering Department at Iowa State University in the Prof. Valery Levitas' group (
http://www.aere.iastate.edu/directory/?user_page=vlevitas) to perform theoretical and computational parts of work on NSF- and ARO-funded projects on the interaction between phase transformations and viscoplasticity in various metals, ceramics, and semiconductors. Phase-field or macroscale simulations using FEM are of interest. Strong collaboration with two postdocs from the same group, who perform in situ experiments at synchrotron radiation facilities at Argonne National Laboratory, and an internship at Argonne National Laboratory are expected. MS degree is required.



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Please send vita that includes education, list of relevant classes, experience, list of publications, and references to Prof. Valery Levitas (vlevitas@iastate.edu).

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Prof. Valery Levitas

Department of Aerospace Engineering

Iowa State University of Science and Technology

Department of Aerospace Engineering

537 Bissell Road

Ames, IA 50011-1096

Contact E-mail vlevitas@iastate.edu