

PhD student, graduate assistant
Iowa State University

Direct Link: <https://www.AcademicKeys.com/r?job=260795>

Downloaded On: Aug. 7, 2025 8:41pm

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.

PhD student, graduate assistant
Iowa State University

Direct Link: <https://www.AcademicKeys.com/r?job=260795>

Downloaded On: Aug. 7, 2025 8:41pm

Posted Aug. 5, 2025, set to expire Dec. 5, 2025

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

Iowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, genetic information, sex, marital status, disability, or status as a U.S. Veteran. Inquiries regarding non-discrimination policies may be directed to Office of Equal Opportunity, 2680 Beardshear Hall, 515 Morrill Road, Ames, Iowa 50011, Tel. 515-294-7612, email eooffice@iastate.edu.

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