**Position(s) in modeling of the interaction between phase transformations and plasticity are available at Iowa State University**

PhD position(s) is available for Fall 2024 or Spring 2025 in the Engineering Mechanics program in the Aerospace Engineering Department at Iowa State University (USA) to perform the theoretical and computational part of work on NSF- and ARO-funded projects on the interaction between phase transformations and plasticity at high pressures. Phase-field, micromechanical, and macroscale simulations using FEM are of interest in close collaboration with high-pressure experiments performed in our lab and at governmental synchrotron radiation facilities. MS degree is required.

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

Info about Prof. Levitas group can be found at <http://www.aere.iastate.edu/directory/?user_page=vlevitas>