

Advanced Hierarchical Materials by Design Lab



PhD Positions in Multiscale Modeling of Materials Under Extreme Conditions

PhD positions are open immediately in *Advanced Hierarchical Materials by Design Lab* at *Louisiana Tech University* on multiscale modeling of materials under extreme conditions. This will be a collaborative project with *MIT*, *Georgia Tech*, and *Idaho National Lab* that is supported by Department of Energy. The candidates must have earned a degree in Mechanical Engineering or related fields (applicants with a MSc will be given priority) and have a solid background in theoretical and computational mechanics. Having knowledge of continuum mechanics, finite element modeling, and a programming language (preferably C++) is a plus.

The applicants should send the following materials to kmomeni@latech.edu and put *PhD Applicant* in the subject of the email

- Cover letter (summarizing their back ground, achievements, and motivations)
- CV (including list related courses, publications, presentations, projects, and GRE/TOEFL scores)
- Transcripts
- One representative publication (if applicable)

Details of the application deadlines can be found [here](#) for US Citizens and [here](#) for International and US Permanent Residents.

You may find more detailed information about our research activities at www.knanosys.com .