PhD Position in Multiscale Modeling of Hierarchical Materials

A PhD position is open for summer or fall 2018 in *Advanced Hierarchical Materials by Design Lab* at *Louisiana Tech University* on multiscale modeling of hierarchical materials with an emphasis on printed materials. The candidates must have earned a B.Sc. (M.Sc. is preferred) degree in Mechanical Engineering or closely related fields and have a solid background in theoretical and computational mechanics, specifically continuum mechanics and finite element modeling, and need to have the basic knowledge of writing computer code (preferably using C/C++). Familiarity with micromechanics and phase field simulations as well as knowledge of the software packages COMSOL, and ParaView is desired.

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)
- Copy of BSc and MSc (if applicable) transcripts
- One representative publication

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