Postdoctoral Researcher in Multiphase Microfluidics and Fluid Dynamics

One postdoctoral position is available in the laboratory of Multiphase Microfluidics of Daniel Attinger at Iowa State University (http://www.me.iastate.edu/directory/faculty/daniel-attinger/).

The researcher will lead experimental research in the forensic discipline of Bloodstain Pattern Analysis, specifically the impact, drying and imbibition of complex fluids on fabrics and clothes. The researcher will collaborate extensively with crime scene investigators, and mentor graduate students. The position is for two years, with competitive salary and benefits.

Applicants should have a PhD degree in Mechanical Engineering, as well as excellent oral and written communication skills. Previous experience in several of the following topics is desired:

- Hands-on experimental characterization of fluid flow
- Fundamentals of fluid mechanics and heat transfer
- Design of experiments
- Capillary flows or complex fluids
- Characterization of textiles

Research in Attinger’s lab is focused on multiphase flow in micro- and nanogeometries. Our goal is to explain and enhance these multiscale phenomena, to develop innovative applications with relevance to society. Four former members of Attinger’s lab have obtained tenure-track faculty positions at research universities.

The review of applications will begin immediately with a desired start date of October 1st, 2015. The position will remain open until filled. Interested applicants should email a detailed resume with the contact information for two references, to: Professor Daniel Attinger (attinger@iastate.edu) with the subject line “Postdoc Position.”

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