Open Position: Postdoctoral Research Fellow

Simulation and modeling of the unsteady fluid mechanics of rotating low-aspect-ratio blades

Outstanding candidates are sought for a postdoctoral research position to simulate and model the unsteady fluid mechanics of rotating, low-aspect-ratio blades. The successful candidate will use state-of-the-art simulation, modeling, and data reduction tools to develop data-informed semi-analytic models of the unsteady fluid mechanics generated by rotating low-aspect-ratio blades. The position is open immediately and has a nominal duration of two years. The successful candidate will become part of the Center for UAS Propulsion, the Aeroacoustics and Flow Physics research group, and join the highly active fluid mechanics community at the University of Illinois at Urbana-Champaign.

**Necessary Qualifications:**

1. Ph.D. in Aerospace Engineering, Mechanical Engineering, Theoretical Mechanics, Physics, Applied Mathematics or a related science and engineering field.

2. Prior experience with computational fluid dynamics and/or modeling of unsteady fluid dynamic systems.

**Applications:**

Applicants should send a CV with a cover letter, the names of at least two references, and a summary of recent work and interests as a single PDF document to: Daniel J. Bodony, bodony@illinois.edu

More information about the Aeroacoustics and Flow Physics Group and its associated research and people can be found at http://acoustics.ae.illinois.edu.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit http://go.illinois.edu/EEO.