Employment Opportunities

Faculty Position Announcements

2017-18 Recruitment Cycle

The George W. Woodruff School of Mechanical Engineering at the Georgia Institute of Technology is considering applicants for several tenure-track faculty positions at the levels of Assistant, Associate, and Full Professor. Applications will be entertained in any of the School’s research areas with an emphasis on multidisciplinary activities in acoustics and dynamics, design, robotics, and systems engineering. A Ph.D. or equivalent qualification is required. Those applying for Associate and Full Professor positions should have established records in research that demonstrates nationally and internationally recognized expertise. Industrial experience is desirable, but not required. Each position requires a balance of undergraduate teaching, graduate teaching, and research. Apply online at http://www.me.gatech.edu/employment/apply.shtml. Send inquiries to woodruff.school.faculty.recruiting@me.gatech.edu. The review of applications will begin immediately. To be considered during the 2017-18 recruitment cycle, all documents need to be received by January 19, 2018. After a thorough review, invitations for interviews to selected candidates will be sent out. The recruiting process will continue until all positions are filled.

Acoustics and Dynamics Research Area Group
The Acoustics and Dynamics Research Area Group is seeking excellent candidates in all areas of acoustics, wave propagation, vibrations, and dynamics. Particular areas of emphasis include flexible multibody dynamics, acoustics and vibration in the built environment, and environmental acoustics. In the area of Flexible Multibody Dynamics, we are particularly interested in individuals who can make fundamental contributions to the field while extending the field’s reach to new and existing application areas, such as robotics, automotive, space, and defense systems. With respect to acoustics and vibrations in the built environment, we are interested across a broad range of topics including architectural acoustics, noise and vibration control, and psychoacoustics. In environmental acoustics, we are interested in the source modeling, sound propagation, and impact assessment of anthropogenic noise sources in the ocean and atmosphere, including those associated with transportation, exploration and extraction of fossil fuels, and alternative energy development.

Automation Robotics & Control
The Automation & Mechatronics Research Area Group is seeking applicants in the areas of mobile robots or autonomous unmanned vehicles. We seek an outstanding individual who has the desire and capacity to build an experimental research program in the area of mobile robotics and applied dynamics/controls. Candidates may have interest and expertise in one or more of the following areas: 1) mechanical design of mobile robots, 2) locomotion methods and/or mechanisms, 3) cooperative manipulation, 4) control algorithms for autonomous vehicles, or other related areas. Applicants with expertise in ground robots, aerial vehicles, or surface or underwater systems will be considered. The ideal candidate will be an innovator in the field of applied dynamics and controls who can design and deploy mobile robots in the pursuit of research objectives in this domain. There is a great opportunity for faculty in this area to develop their own world-class research and teaching programs at Georgia Tech.

The Institute for Robotics and Intelligent Machines (IRIM) at Georgia Tech offers strong opportunities for collaboration and interdisciplinary research in the robotics area. IRIM brings
together robotics researchers from across Georgia Tech—spanning colleges, departments and individual labs—to create new collaborative opportunities for faculty and to strengthen partnerships with industry and government.

**Fluid Mechanics**
The Fluid Mechanics Research Area Group is seeking applicants for tenure track positions in the area of fluid mechanics. The ideal candidate should have a background in fundamental fluid mechanics and interests in problems of current relevance. Areas of particular application interest are: complex fluids; energy; and biological systems. Duties include teaching, service, and the establishment of an externally sponsored research program. Rank is open but strong preference will be given to hiring at the assistant professor level.

**Systems Engineering, Design & Related Areas**
The Systems Engineering, Design Research Area Group is seeking applicants in the areas of model-based systems engineering, design informatics, systems modeling, design methodology, data-driven design, decision making in design, design of complex systems, artificial Intelligence for design, and integrated systems design. Applicants with specializations in the design of automotive, energy, and healthcare/biomedical systems as well as other emerging technology systems are also of interest.

**Opportunity Hires**
The Woodruff School continuously seeks the "best-of-the-best" entry-level candidates at the assistant professor rank in any of our research areas within the Woodruff School.