



IIT Armour College of Engineering

ILLINOIS INSTITUTE OF TECHNOLOGY

ILLINOIS INSTITUTE OF TECHNOLOGY (IIT)

Department of Mechanical, Materials, and Aerospace Engineering (MMAE)

OPEN FACULTY POSITIONS

Applications are invited for tenure-track faculty positions targeted primarily at the assistant professor level. Applications at a higher rank will be considered only for exceptional candidates with a distinguished track record in publications and funding. The MMAE Department at IIT is seeking candidates with interdisciplinary research expertise in one or both of the following two areas of strategic research emphasis:

1. Autonomous systems with interests in mobile robots, co-robots, distributed control, sensing and navigation etc.; applications in unmanned air, land, and underwater systems are all of interest, and
2. Materials science with interests in processing and synthesis of functional materials with tailored optical, thermal, magnetic, and/or electronic properties (as examples).

Candidates must have an earned doctoral degree in engineering or physical science. Successful candidates are expected to establish a vibrant externally funded research program that supports graduate students and provides a record of published research. They are also expected to be highly effective teachers for undergraduate and graduate courses in the MMAE department.

The MMAE Department at IIT offers ABET accredited BS degrees in mechanical engineering, aerospace engineering, and materials science and engineering, as well as master's degrees and doctoral degrees in mechanical and aerospace engineering and materials science and engineering. Current full time enrollment is over 500 undergraduate students and 220 graduate students. Information on faculty, research, and degree programs in the MMAE Department can be found at <http://engineering.iit.edu/mmae>.

The Illinois Institute of Technology is a private Ph.D.-granting research university, with world-renowned programs in engineering, architecture, the sciences, humanities, psychology, business, law, and design. IIT's Armour College of Engineering emphasizes inter-professional research by faculty and students and is committed to excellence in undergraduate, graduate, and professional education. The main campus is located three miles from downtown Chicago. Argonne National Laboratory (a DOE Lab) is located in the greater Chicago area. IIT is an Equal Opportunity and Affirmative Action Employer. Women and underrepresented minorities are particularly encouraged to apply.

Applicants should submit a *single* pdf file to mmae-assistant@iit.edu. Application materials should include: i) cover letter, ii) curriculum vitae, iii) a research statement, iv) a statement of teaching philosophy, v) contact information of five references, and vi) a sample of a published research paper. Applications received prior to January 1, 2017 will be given the strongest consideration, but the position will remain open and applications accepted until the position is filled. Applications should clearly identify the technical area they are applying for ((1) Autonomous Systems or (2) Materials Science) in the subject heading of their cover letter.