

Faculty Position in Autonomous Systems and Urban
Mobility
Illinois Institute of Technology

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Posted Nov. 5, 2024, set to expire Mar. 6, 2025

Job Title	Faculty Position in Autonomous Systems and Urban Mobility
Department	Mechanical, Materials, and Aerospace Engineering Department https://www.iit.edu/mmae
Institution	Illinois Institute of Technology Chicago, Illinois
Date Posted	Nov. 5, 2024
Application Deadline	Open until filled
Position Start Date	August 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Robotics Mechanical Engineering Aerospace/Aeronautical/Astronautics
Job Website	https://www.iit.edu/engineering/about/open-positions

Apply By Email

Job Description

The Mechanical, Materials, and Aerospace Engineering (MMAE) Department at Illinois Institute of Technology (Illinois Tech) invites applications for a tenure-track faculty position in autonomous systems and urban mobility with expertise in related areas. Candidates are sought primarily at the Assistant Professor level, but mid-career and senior candidates with a strong record of sustained success in research, teaching, and service will also be considered. The expected start date is Fall

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Illinois Institute of Technology is a private, Ph.D.-granting research university with world-renowned programs in architecture, engineering, computing, the sciences, humanities and social sciences, psychology, business, law, and design. It is ranked #1 in Illinois and #23 nationally in the *Wall Street Journal's* "America's Best Colleges 2024." Founded in 1890, Illinois Tech was built to provide access to higher education for students from all backgrounds and to make a difference in the world through technology-oriented education. This guiding mission and purpose – where students could prepare for meaningful roles in a changing society and achieve professional and economic advancement – remains just as relevant today. As such, diversity and inclusion are part of the day-to-day experience here and a central component of our culture. Illinois Institute of Technology today is home to a diverse and global student population; is committed to providing opportunities to enhance the diversity of its faculty and staff; and strongly encourages applicants from all backgrounds to apply for this position, especially those underrepresented in the field.

At the time of appointment, applicants must hold an earned doctorate in mechanical or aerospace engineering or a related field. Faculty members in the department are expected to initiate and sustain a vibrant, externally funded research program that supports graduate students and leads to a strong record of published research. The department strongly encourages cross-cutting and collaborative research. Successful candidates are expected to demonstrate a strong commitment to undergraduate and graduate teaching in aerospace and mechanical engineering and diversity, equity, and inclusion through research, teaching, and/or service endeavors.

The MMAE Department at Illinois Tech offers ABET-accredited degrees in mechanical engineering and aerospace engineering, as well as a range of master's degrees and doctoral degrees in mechanical and aerospace engineering and materials science and engineering. The department has 22 full-time faculty, approximately 400 undergraduate and 150 graduate students. It is home to the Center for Assured & Resilient Navigation in Advanced Transportation Systems (CARNATIONS), a Tier-1 U.S. DOT University Transportation Center (UTC). Information on the department's faculty, research, and degree programs can be found at <https://www.iit.edu/mmae>. The Armour College of Engineering is home to six departments, emphasizes a broad spectrum of interdisciplinary research by faculty and students, and is committed to inclusive excellence in undergraduate, graduate, and professional education. The main campus is located three miles from downtown Chicago and in close proximity to many industries in the greater Chicago area.

The application package must include (i) a cover letter, (ii) curriculum vitae, (iii) a statement of research interests, (iv) a statement of teaching philosophy, (v) a statement on the candidate's commitment to equity and inclusion in education, and (vi) contact information for at least three references emailed as a *single*

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.pdf file (with file structure *lastname_firstname.pdf*) to mmae-department@iit.edu. The one-page statement on equity and inclusion should address specific past and/or potential contributions to the equitable and inclusive delivery of academic instruction and support to students from diverse background of countries, cultures, and socioeconomic conditions. To ensure full consideration, applications must be received by January 15, 2025; however, review of applications will continue until the position has been filled. Additional questions regarding the position should be emailed to Ms. Lee Stein at lstein1@iit.edu.

EEO/AA Policy

Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer committed to enhancing excellence, equity, inclusion, and diversity within its community. Illinois Institute of Technology is committed to fostering an inclusive environment and actively seeks applications from individuals of all backgrounds and identities regardless of race, color, sex, marital status, religion, creed, national origin, disability, age, unfavorable discharge from the military, status as a protected veteran, sexual orientation, including gender identity and expression, order of protection status, genetic information, and any other protected class. All qualified applicants will receive equal consideration for employment.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Lee Stein
Mechanical, Materials, and Aerospace Engineering
Department
Illinois Institute of Technology
10 West 32nd Street
Rettaliata Engineering Center, Suite 243
Chicago, IL 60616

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