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Assistant Professor/Associate of Architecture without Tenure (tenure track)
Massachusetts Institute of Technology

Direct Link: https://www.AcademicKeys.com/r?job=227748
Downloaded On: May. 12, 2024 4:10am
Posted Dec. 18, 2023, set to expire Jun. 18, 2024

Job Title	Assistant Professor/Associate of Architecture without Tenure (tenure track)
Department	Architecture
Institution	Massachusetts Institute of Technology Cambridge, Massachusetts
Date Posted	Dec. 18, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Architectural (Building & Construction)
Apply Online Here	https://apply.interfolio.com/137997
Apply By Email	

Job Description

The Department of Architecture, together with the Schwarzman College of Computing (SCC), at the Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts invites applications for a tenure track faculty position (i.e. Assistant Professor or Associate Professor without Tenure) in the broad area of computing in materials and fabrication. We welcome candidates with a background in design who have experience in translating computational design theories and technologies into the realities of our physical environment, from the scale of objects to the scale of buildings, landscapes, or ecologies. Examples of research areas include, but are not limited to, computational materials, fabrication, construction processes, digital craft and indigenous practices, AI and machine learning in fabrication or material exploration, bio-design, environmental performance, and the social-cultural and ethical dimensions of digital making. The expected start date is July 1, 2024, or on a mutually agreed

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date thereafter.

Candidates should demonstrate evidence of commitment to their work at the highest level. This evidence may include works of research, scholarship, or design practice; it may include peer-reviewed papers in journals and conference proceedings, books or book chapters, community engagement projects, exhibitions/installations in culturally influential venues, impactful software, built prototypes, or professional work.

The Department of Architecture and the SCC believe that the intellectual, cultural and social diversity of our faculty, staff, and students is vitally important to the distinction and excellence of our academic and research programs. We seek candidates who demonstrate through past, current, or envisioned efforts the ability to support our institutional commitment to ensuring that MIT is inclusive, equitable, and diverse.

The successful candidate will have a shared appointment in both the Department of Architecture and the SCC in the Department of Electrical Engineering and Computer Science (EECS) or the Institute for Data, Systems, and Society (IDSS). Duties will include conducting original scholarly research within the area of computing in materials and fabrication, as well as classroom teaching and advising students within the Architecture department and SCC educational programs. In keeping with MIT's culture of faculty self-governance and the Department of Architecture’s expectations of its faculty, the successful candidate isalso expected to participate in the intellectual life and administrative functioning of the department. This faculty position will provide strategic linkages between the cultures of design and of computation. The candidate’s tenure home will be in the Department of Architecture, which will lead the promotion process with input from the SCC.

MIT's Department of Architecture houses the first professional degree program in North America, and, more recently, provides global leadership at the intersection of design and research. To support this activity, its faculty are organized in a range of research and teaching groups; the candidate's affiliation with one or more of these groups will depend on their specific area of focus. More information on the department and its organization is at architecture.mit.edu.

In 2025, the department will move to a newly renovated historic building on campus, containing new spaces and opportunities for design and making research, experimentation, community engagement, and teaching. This position is an opportunity to help shape the future of the department and its culture of research, fabrication, and computing at this important moment of transition. This new environment will also include a new institution, the Morningside Academy for Design (MAD) recently created at MIT to amplify and connect design across multiple disciplines and departments at the Institute. The successful candidate’s work and pedagogy should be able to contribute to this Institute-wide

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conversation on design.

The SCC is a college that works across all five of MIT's existing schools. The college is designed to lead in computing education and research across a wide range of disciplines, as well as in computer science, AI, and related fields. The SCC both brings together existing MIT programs in computing and develops new cross-cutting educational and research programs. For existing programs, the college supports programs such as computer science, artificial intelligence, data systems and society, and operations research, as well as helps strengthen interdisciplinary computing programs such as computational science and engineering. For new areas, the college is creating platforms for the study and practice of social and ethical responsibilities of computing, for multi-departmental computing education, as well as facilitating new interdisciplinary computing activities.

Application Material

- A statement of interest outlining the applicant's interests and qualifications for the position, including major professional, research, pedagogical goals and achievements (maximum three pages)
- A statement on diversity, equity, inclusion, and belonging, including past and current contributions as well as vision and future plans in these areas. Applicants are encouraged to discuss approaches to fostering an inclusive environment including but not limited to teaching, mentoring, community outreach or engagement, and affirming diverse viewpoints (maximum one page).
- A curriculum vitae
- Names and affiliations of at least three current references with contact information (candidates will be alerted before references are contacted)
- A maximum 36-page, letter-sized portfolio of design, research, or scholarly work.

Minimum Qualifications

- Candidates should hold a terminal degree in architecture (M.Arch. or Ph.D.) or design (MFA, DDes or equivalent), or a Ph.D. in Computer Science, Data Science, Engineering, Applied Mathematics, or a related field by the beginning of employment. Candidates should have a record of research, scholarship, or design commensurate with the stage of their academic or professional career. Evidence may include peer-reviewed papers in journals and conference proceedings, books, community engagement projects, exhibitions in culturally influential venues,

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impactful software, built prototypes, or professional work. An ability to advance a teaching agenda and a commitment to mentoring, service and to building an equitable and diverse academic environment is essential.

Please submit these materials to: http://apply.interfolio.com/137997. For technical issues, please contact Interfolio staff at 877-997-8807 or help@interfolio.com. The deadline for applications is January 31, 2024.

EEO/AA Policy

MIT is an equal employment opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and backgrounds. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications, and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, pregnancy, religion, disability, age, genetic information, veteran status, or national or ethnic origin. See MIT's full policy on nondiscrimination at https://policies.mit.edu/policies-procedures/90-relations-and-responsibilities-within-mit-community/93-nondiscrimination.

Employment is contingent upon the completion of a satisfactory background check, including verifying any finding or misconduct (or pending investigation) from prior employers.

Contact Information

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

Contact

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