

Assistant Professor in Cosmology (tenure-track)
Tufts University

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Posted Sep. 13, 2023, set to expire Jan. 26, 2024

Job Title	Assistant Professor in Cosmology (tenure-track)
Department	School of Arts & Sciences: Physics & Astronomy
Institution	Tufts University Medford, Massachusetts
Date Posted	Sep. 13, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Astronomy and Astrophysics
Job Website	http://apply.interfolio.com/131696
Apply By Email	
Job Description	

The Department of Physics and Astronomy at Tufts University, Medford, MA, invites qualified candidates to apply for a tenure-track Assistant Professor in cosmology starting September 1, 2024. The Department includes seventeen tenured or tenure-track faculty and has strong research programs in high energy physics, condensed matter, cosmology, and astrophysics (<https://as.tufts.edu/physics>). The Institute of Cosmology currently consists of four faculty who investigate a wide range of topics in theoretical cosmology, including general relativity, the early universe, dark matter, topological defects, and quantum gravitational effects. Connections to particle physics and astronomy are of special interest. We encourage candidates who demonstrate outstanding research and commitment to teaching, mentoring, and development of a diverse intellectual community to apply.

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Qualifications

Candidates are required to have a PhD in Physics and postdoctoral experience at the time of application. They should have a strong record in research experience and creativity, and an interest in teaching and involving undergraduate/graduate students in research. The successful candidate will be expected to develop a vibrant, funded research program that involves undergraduate and graduate students and postdocs. Contributions to departmental teaching at all levels, including developing new courses to complement existing offerings, will also be expected.

We are especially interested in candidates whose research expertise in theoretical cosmology complements our existing research and broaden its scope in ways that provide synergy with the Department's ongoing investigations in high energy particle physics and astronomy. This includes the following areas: model building beyond the standard model, general relativity, quantum aspects of gravitation, particle astrophysics, dark matter and dark energy, gravitational waves, early universe cosmology including inflation, particle theory and phenomenology with connections to cosmology, cosmological data analysis and computation. Preference will be given to candidates whose research demonstrates both breadth and creativity.

We are committed to increasing the diversity of the faculty of the Physics & Astronomy Department at Tufts. Therefore, members of under-represented groups are strongly encouraged to apply. We are committed to follow the best practices that help eliminate the traditional biases that stand in the way of hiring candidates from under-represented groups.

Application Instructions

All applications are submitted via Interfolio, at apply.interfolio.com/131696. Applicants should submit: a cover letter; a curriculum vitae with publications; a research plan; a statement of teaching and mentoring philosophy; a statement of diversity, equity and inclusion; three confidential letters of recommendation. Please arrange for the letters of recommendation to be directly uploaded through the Interfolio portal. The research plan and the statements should not exceed 3 pages each. The statement of diversity, equity and inclusion should describe the applicant's efforts and aspirations to promote equity, inclusion and diversity through teaching, mentoring, research and service. For full



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consideration, applications should be submitted by November 15, 2023; there is no guarantee that applications received after that date will be considered. Please contact the department manager, Elizabeth Hammond (email: Elizabeth.Hammond@tufts.edu), with any questions.

All offers of employment are contingent upon the completion of a background check.

EEO/AA Policy

Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied research, and a commitment to active citizenship locally, regionally, and globally. Tufts University has also committed to becoming an anti-racist institution and prides itself on the continuous improvement of diversity, equity and inclusion work. Current and prospective employees of the university are expected to have and continuously develop skill in, and disposition for, positively engaging with a diverse population of faculty, staff, and students. Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty and staff and fostering their success when hired. Members of underrepresented groups are welcome and strongly encouraged to apply. See the University's Non-Discrimination statement and policy here <https://oeo.tufts.edu/policies-procedures/non-discrimination/>. If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at oeo@tufts.edu. Applicants can learn more about requesting reasonable accommodations at <https://oeo.tufts.edu/>

Contact Information

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

Contact