

Tenure-Track Faculty Position in Signal Processing Washington University in St. Louis

Direct Link: <https://www.AcademicKeys.com/r?job=249246>

Downloaded On: Nov. 21, 2024 6:53am

Posted Nov. 20, 2024, set to expire Mar. 21, 2025

Job Title Tenure-Track Faculty Position in Signal Processing
Department The Preston M. Green Department of Electrical & Systems
Engineering
<https://ese.washu.edu/index.html>
Institution Washington University in St. Louis
St. Louis, Missouri

Date Posted Nov. 20, 2024

Application Deadline December 15, 2024 or until filled

Position Start Date Jul. 1, 2025

Job Categories Core Faculty
Assistant Professor
Associate Professor
Professor

Academic Field(s) Optics & Optical Engineering
Industrial & Systems Engineering
Electrical and/or Electronics
Computer Engineering
Computer Science
Bioengineering (all Bio-related fields)
Engineering - Other

Job Website <https://engineering.washu.edu/faculty/openings.html#IntegratedCircuits>

Apply Online Here <https://apply.interfolio.com/157328>

Apply By Email

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Job Description

Tenure-Track Faculty Position in Signal Processing

The [Electrical and Systems Engineering](#) department at Washington University in St. Louis invites applications for multiple tenure-track faculty positions with an effective start date on or after July 1, 2025. Candidates should have earned a Ph.D. or equivalent degree in electrical engineering, systems engineering, computer engineering or a closely related discipline. Washington University is a highly-selective national research university with a strong tradition of research excellence. It is nationally known for its student body's exceptional quality and attractive campus, which borders residential neighborhoods and one of the nation's largest urban parks. Many faculty walk or bike to work. St. Louis combines affordability with a vibrant metropolitan area, offering many cultural and entertainment opportunities.

The University's strategic plan, released in 2022, seeks growth of top-tier research, scholarship, and creative practice with an emphasis on transdisciplinary and cross-school research. Included in this plan are foci related to applications in medicine, public health, infrastructure, and addressing pressing societal challenges. We seek both junior and senior applicants who will contribute to fundamental and applied research in signal processing and closely related areas. Examples include:

- (I) Signal processing and deep learning
- (II) Graph signal processing
- (III) Audio, speech and image processing
- (IV) Signal processing in neuroscience
- (V) Statistical machine learning

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Successful applicants will have a primary appointment in the department of Electrical and Systems Engineering with the possibility of joint appointments in other departments. The faculty member will be expected to teach undergraduate and graduate courses in electrical and systems engineering, participate in university service, and establish a thriving externally-funded research program. Faculty positions are open for all levels; appointment at a senior rank (associate and full professor) will be considered for exceptional candidates with a distinguished record of achievement in research and teaching.

Candidates should have earned a Ph.D. or equivalent degree in electrical engineering, systems engineering, computer engineering or a closely-related discipline.

Applications should include: (1) a cover letter that identifies the candidate's three most significant publications and describes their interest in the position; (2) a curriculum vitae; (3) a research plan for the next five years that should not exceed three pages, and should highlight the problem(s) or set of questions to be investigated, the envisioned approach, a mentoring strategy, and the proposed funding sources; (4) a statement of teaching interests and philosophy (not exceeding 2 pages); (5) a statement describing contributions to and future plans for enhancing diversity (not exceeding 2 pages); and (6) a list of at least three references via the link provided at

<https://apply.interfolio.com/157328>

Priority will be given to completed applications (including submitted reference letters) received before December 15, 2024. However, applications will be accepted at any time and will be considered until the positions are filled.

EEO/AA Policy

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and especially encourages applications by those underrepresented in their academic fields. It is the University's policy to recruit, hire, train, and promote persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information. Verification of employment eligibility will be required upon employment.

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Contact Information

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

Contact ShiNung Ching
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