
May 2025

Tenure Track Position in Remote Sensing

The School of Electrical Engineering & Computer Engineering (ECE) at the Iby and Aladar Fleischman Faculty of Engineering, and the Steinhardt Museum of Natural History (SMNH), Tel Aviv University, are seeking a dynamic research leader for a joint tenure-track position in remote sensing.

We invite applications from exceptional candidates for a joint tenure-track position opening in January 2026. The candidate should have a strong background in the science and technology of remote sensing either on the sensor hardware or on the signal and image processing. The candidate is expected to be able to teach undergraduate and graduate courses in the School of Electrical and Computer Engineering and lead research relevant to the School and its graduate students. Possible areas of remote sensing relevant to ECE include wave propagation, Radar sensors, electro-optics and multi-spectral imaging, image and video processing, machine learning and space technology.

The appointment is tenure-tracked, with tenure evaluated after 4-5 years. It is designed to enable early career scientists to become tenured group leaders and to develop an independent, internationally leading, research group. However, senior and mid-career scientists are also encouraged to apply for this position. The successful candidate will be provided with start-up funds and support with student fellowships.

The School of Electrical and Computer Engineering is composed of two departments: Physical Electronics and Systems and covers a wide range of scientific and engineering disciplines. Physical Electronics covers electrooptics and photonics, electromagnetism, electronics devices and materials, integrated circuits, quantum technology and power. Systems covers signal and image processing, control and autonomous systems, information theory, communication, networks, hardware security, computer architecture, algorithms and deep learning. It is also a home to a space center focusing on nano satellites.

The Steinhardt Museum of Natural History is Israel's National Center for Biodiversity Studies, focusing on biodiversity research in the broad sense and conservation science. Comprising three Divisions – Collections & Research, Applied Policy-Relevant Research and a Public division – it is recognized as a national biodiversity research infrastructure. In addition to diverse basic and applied studies carried out in the SMNH, the museum operates Israel's biodiversity and ecosystem function monitoring and surveying programs by diverse tools including remote sensing. The candidate is expected to lead high level academic research using and developing remote sensing tools in fields (such as ecosystem research) related to the museum core study fields.

Candidates are expected to have a strong track record with a strong publication record and a clear research vision as well as a PhD and a post-doctoral training at a recognized scientific group.

Prior to obtaining tenure, the successful candidate is expected to raise external funding, develop their own research program, contribute to the student learning experience through teaching undergraduate and graduate courses, and through their research and personal tutoring, and contribute to the scientific development of both ECE and the SMNH as a National Research Infrastructure. The candidate will also be expected to supervise MSc and PhD students and to publish regularly in leading international journals.

To apply send (1) A letter of application. (2) Your CV (including your publication list). (3) A research statement outlining your academic vision and its fit to the double-affiliation program (≤ 2 pages)., (4) a teaching statement (≤ 1 page) outlining your teaching philosophy and plans.

Upon request, please be prepared to provide 3 recommendation letters (which should be sent from the referees directly to the email address below).

Applications and all inquiries should be sent to the Head of ECE Prof. Eran Socher eehead@tauex.tau.ac.il and the Head of the SMNH Prof. Tamar Dayan dayant@tauex.tau.ac.il.

Closing Date: October 1, 2025
