DEPARTMENT OF AEROSPACE ENGINEERING | TECHNION Israel Institute of Technology

The Department of Aerospace Engineering (AE) at the Technion – Israel Institute of Technology invites applications for an open-rank faculty position in the area of guidance, navigation and control. We are also seeking qualified candidates with expertise in robotics, learning, and multi-agent systems with an emphasis towards aerospace applications.

The AE Department at the Technion is dedicated to the creation, expansion, and dissemination of ideas and knowledge in the aerospace sciences and is committed to fostering interdisciplinary research that can address the grand challenges facing our society.

Founded in 1954, the AE Department at the Technion is the only academic entity in Israel dedicated to cutting-edge research and education in the aerospace sciences. Enrolling around 400 undergraduate and 150 graduate students, the department serves a strategic role for the nation, maintaining Israel's position as a leader in the global aerospace industry. The AE Department's research and educational achievements are also recognized globally, with the department currently ranked 16th in the world according to the 2020 Shanghai Ranking.

The department seeks individuals with a background in aerospace engineering (or a closely related discipline) to develop a research program with an emphasis in any of the following areas:

i. **Guidance, navigation and control**: We are accepting applications from candidates in all core areas of guidance, navigation and control. This includes, but is not limited to, optimal control, estimation theory, information fusion, mathematical systems and control theory, nonlinear control theory, spacecraft control and space situational awareness, and data-driven control.
ii. **Robotics:** We are accepting applications from candidates in all core areas of robotics. This includes, but is not limited to, agile robotics, aerial robotics, robotics for space applications, problems in planning, perception, human-robot interactions, and learning.
iii. **Networked and multi-agent systems:** We are accepting applications from candidates in all core areas related to networked and multi-agent systems. This includes, but is not limited to, large-scale networked systems, distributed optimization, and multi-robot systems.

Candidates will be expected to conduct independent research, supervise graduate students and postdoctoral researchers, teach undergraduate- and graduate-level courses, and acquire external research funding. Applicants should have earned a Ph.D. or equivalent degree.

A review of applications will be ongoing until the available position is filled. Interested candidates should submit their application package (consisting of a cover letter, curriculum vitae and list of publications, research statement, teaching statement, and contact details of at least five references) to:

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