

6.3.2018

### **Hatter Dep. of Marine Technologies, University of Haifa**

- Position Title:** Lecturer or Senior Lecturer (Tenure track)
- Position Type:** Tenured/Tenure-track faculty
- Position Location:** University of Haifa facility in the Israel Oceanographic and Limnological Research (IOLR) institute, Haifa, Israel ([map](#))
- Subject Areas:** Control and autonomy, robotics, machine learning, data mining, sensor fusion, signal processing, chemical and physical sensor technologies, with a particular emphasis on theoretical research supported by experiments in marine applications.
- Application Deadline:** None (posted 26/02/2018)
- Restrictions:** Final decisions are subject to resource availability, competencies of the candidates, and the approval of the dean of the Faculty and the rector of the University.

[The Hatter Department of Marine Technologies](#), which is part of the Charney School of Marine Sciences, Faculty of Natural Sciences, University of Haifa, invites applications for a tenure track faculty position at the lecturer and senior lecturer level. The position is expected to start during the 2018/2019 academic year.

The recently established Hatter Department of Marine Technologies is a young and vibrant academic department focused on high level research and development of novel technologies and algorithms for advancing marine research and operations. The department's academic staff combines expertise in various aspects of marine engineering with understanding and research in the fields of oceanographic natural sciences. Located at the Israel Oceanographic and Limnological Research (IOLR) shore side building, outside the university's main campus, the Department's research facility encompasses research laboratories supported by a team of professional engineers and technicians; as well as the underwater vehicles center of the national Mediterranean Sea research center of Israel.

The Department is the only academic center in Israel to offer a Master of Science (MSc) program in Marine Technologies, including a variety of graduate courses across several engineering disciplines and sea going training. The Department has exceptional students, strong scholarship in knowledge generation and application, and extensive public-private partnerships with major economic impact on the state of Israel and beyond. As evident in research expenditures, scholarly publications, and leadership positions in professional societies, the Department has extraordinary research strength in advanced signal and image processing, machine learning, telecommunications, navigation, ocean physics, and underwater propulsion.

### **DUTIES AND RESPONSIBILITIES**

Successful candidates will be expected to develop and sustain an internationally recognized and externally funded research program with particular emphasis on seagoing research of marine technologies. The successful candidates must share a deep commitment to effective instruction at the graduate level as well as development of innovative courses and mentoring of students in research, outreach, and professional development. The successful candidates are also expected to contribute to the promotion of the Department through teaching, research, and public engagement.

### **REQUIRED QUALIFICATIONS**

Candidates must have earned a Ph.D. in Electrical Engineering, Mechanical Engineering, Aerospace Engineering, Civil Engineering, Computer Science, or a related fields by the time of appointment; an established record of research, demonstrated potential for excellence in teaching; and a successful track record in winning grants and/or scholarships. Candidates must also demonstrate a commitment to graduate education.

Preferred candidates will have accomplishments showing relevance of their research to marine technology applications; a record of excellence in teaching; the ability to effectively communicate with students in both large and small audiences, and a record of public engagement. International experience in the level of PhD studies or post-doctoral research is preferred.

### **APPOINTMENT TERMS**

This is a full-time, 12-month tenure track position. Employment is conditional upon the acceptance at the Department, Faculty, and University levels. Candidates are expected to begin work during the 2018/2019 academic year. Salary will be commensurate with qualifications.

### TO APPLY

The candidates should prepare an application package including the following sections:

1. **A one-page cover letter with the applicant's credentials.**
2. **A (max 5 pages) CV.**
3. **List of published or accepted publications, patents, grants, and scholarships.**
4. **A (max 10 pages) research statement including the candidate's research plans for his/her first three years.**
5. **A (max 5 pages) teaching statement including a description of the courses the applicant can teach at a graduate level.**
6. **A 2-page list of requested facilities and equipment to establish own lab, as well as requested funding.**
7. **A list of at least 5 references from different institutes in and outside Israel.**
8. **Three of the applicant's best journal publications.**

The application package should be sent compressed to:

Mrs. Anat Overlander,

Email: [aojalvo@univ.haifa.ac.il](mailto:aojalvo@univ.haifa.ac.il)

Phone: +972-4-8288790