Assistant, Associate or Full Professor Positions of Ocean and Mechanical Engineering Available

The Department of Ocean and Mechanical Engineering (OME) at Florida Atlantic University (FAU) is inviting applications at all professorial levels, (tenure-track and tenured) for multiple joint appointments with the FAU Harbor Branch Oceanographic Institute (HBOI), and/or with the Institute for Sensing and Embedded Network Systems Engineering (I-SENSE) in the broad areas of intelligent marine systems including underwater robotics, cooperative control, energy and power, marine sensing elements (nanotechnology and quantum sensing), underwater imaging and communications, machine learning, and autonomous ocean vehicles. Interest in these areas follows FAU’s strategic plan “Race to Excellence” which focuses on four strategic areas of research as its foundation (https://fau.edu/research/institutes-pillars).

FAU is a state-funded university, established in 1964 and designated under the Carnegie Classification as a high research university. The College of Engineering and Computer Science at FAU is one of ten Colleges in the university and has a student body of approximately 3,000 undergraduate and 400 graduate students in ocean and mechanical engineering, computer and electrical engineering, computer science, and civil, environmental and geomatics engineering.

The Department of Ocean and Mechanical Engineering has an enrollment of more than 500 undergraduate students and 80 graduate students. Faculty conduct sponsored research in the broad areas of acoustics, unmanned surface and unmanned underwater vehicles, and marine materials and corrosion. The ocean engineering program at FAU was initiated in 1965 as the first undergraduate ocean engineering program in the country. Today, in addition to the FAU Boca Raton campus facilities, the program utilizes SeaTech - The Institute for Ocean & Systems Engineering’s state-of-the-art marine laboratory facilities and academic spaces designed to support collaboration among faculty and student groups within the department, across university institutes, and with other organizations. http://ome.fau.edu

FAU Harbor Branch and the FAU Institute for Sensing and Embedded Networks are pillars of research excellence. FAU Harbor Branch integrates all research at FAU that focuses on study and management of ocean, estuaries and freshwater bodies. This pillar is administered by the Harbor Branch Oceanographic Institute, one of the nation’s premier oceanographic centers. It is home to a research community of approximately 200 ocean scientists, staff and students that drive innovation in marine science and engineering, ocean dynamics and modeling, conservation of coral reefs, marine drug discovery, and studies of marine mammals and fisheries. http://fau.edu/hboi

The FAU Institute for Sensing and Embedded Network Systems Engineering is a multidisciplinary community that conducts research in the areas of sensing, communications and computing with applications in infrastructure systems, health and the environment. http://isense.fau.edu

Applicants must possess an earned doctorate in Ocean Engineering, Mechanical Engineering or a closely related field. Excellent candidates are sought with expertise in the broad technical area of intelligent underwater systems.

Applicants must complete the Faculty Application Form available on-line through the Office of Human Resources: jobs.fau.edu and apply for position number 981963 or 992216. Review of applications will
begin immediately and continue until the position is filled. Interested applicants should upload a cover letter detailing Research activities and teaching interests, a current CV, and contact information for three professional references. Selected candidates will be required to pass the University’s background check. For any further assistance please email ome@fau.edu. Florida Atlantic University is an Equal Opportunity/Equal Access institution. All minorities and members of underrepresented groups are encouraged to apply.