Tenure-Track Assistant Professor Position:
The Department of Electrical and Computer Engineering at the Naval Postgraduate School (NPS), Monterey, California invites applications for a tenure-track Assistant Professor position to strengthen the Department’s Electrical Power and Energy program which supports the US Navy’s goals of energy conservation, efficiency and energy management. The review of applications will begin immediately and will continue until the position is filled.

The NPS Mission:
The mission of the Naval Postgraduate School is to “provide relevant and unique advanced education and research programs in order to increase the combat effectiveness of U.S. and Allied armed forces and enhance the security of the United States”. Consistent with this mission the ECE Department seeks to provide students with the highest quality and most defense-relevant education available in electrical and computer engineering.

Position Description:
The successful candidate will be expected to conduct sponsored, externally-funded, outstanding, innovative research, teach graduate-level resident and distance-based classes online and via video teleconference system, advise thesis students, and participate in both internal and external service activities. Excellence in research is evidenced primarily by publications or forthcoming publications in leading journals and conferences in the field, presentations at significant conferences, and strong endorsements by referees of high international standing. Evidence of excellence in teaching will be demonstrated by strong communication skills; a compelling statement of teaching submitted as part of the application highlighting areas of interest and teaching philosophy; sample course syllabi and materials; and teaching evaluations. Execution of duties may involve travel. It is a full time position.

Qualifications:
The successful candidate for this position must possess an earned Ph.D. degree in Electrical Engineering and an established research background in power electronics with emphasis on electric power systems, motor drives, and microgrid applications. The ideal candidate for this TT position should be capable of teaching and research in support of U.S. Navy needs in power and energy applications. A candidate should have experience in several of these areas: electric drive propulsion, power conversion modules, power generation modules, energy storage modules, electric power control modules, pulsed power, medium voltage DC systems, condition based maintenance/prognostics, machines, insulation, wide bandgap semiconductors, Matlab Simulink with SimPowerSystems libraries, PHIL (power hardware in the loop).

The preferred qualifications are a solid publication record, the potential for excellent teaching at the undergraduate and graduate levels, the potential to develop an externally funded research program, the ability to engage in interdisciplinary research work with other departments, and a demonstrated commitment to diversity, equity, inclusion, and student success.

Institution and Setting:
The Naval Postgraduate School, established in 1909, (http://www.nps.edu) is the Navy’s Corporate University and offers graduate programs at all levels for officers of the United States Armed Services, civilian employees of defense laboratories, officers and civilians from Allied nations and employees
of defense contractors. The NPS has approximately 1500 resident students enrolled in graduate degree programs as well as non-resident students served by a distance learning program. The ECE Department has over 30 tenure track and non-tenure track civilian and military faculty members who spend about half-time teaching and half-time performing sponsored research.

The park-like 144-acre NPS campus is located on the Monterey Peninsula, adjacent to the waters of Monterey Bay and only minutes from the Monterey Peninsula Airport. The area offers a pristine environment of unparalleled scenic beauty, parks, restaurants, art galleries and cultural events. Other local research and educational institutions include the California State University at Monterey Bay, the University of California at Santa Cruz, Monterey Institute of International Studies, the Defense Language Institute, Stanford University’s Hopkins Marine Station, the Monterey Bay Aquarium Research Institute, Moss Landing Marine Laboratories, the Naval Research Laboratory (West) and Monterey Peninsula College.

Salary and Benefits:
Naval Postgraduate School tenure track faculty members are employed as excepted-status federal civil servants on a salary scale that is competitive with other universities. Faculty members who are employed more than half-time are eligible for the health insurance, life insurance and retirement benefits available to all federal government employees. Academic appointments and salary are commensurate with qualifications and experience.

Application Procedure:
Applicants must submit a cover letter describing their qualifications for this position, a teaching statement, a research statement, a comprehensive curriculum vitae or resume, contact and e-mail address information for a minimum of three references. The application material must clearly state the applicant’s citizenship.

Applications should be submitted electronically or in hardcopy to:
Prof. Clark Robertson, Chair
Department of Electrical and Computer Engineering
Room 437 Spanagel Hall
Naval Postgraduate School
Monterey, CA 93943-5121
(831) 656-2081
crobertson@nps.edu

NOTE: IF YOU ARE A VETERAN, you are strongly encouraged to: Identify your Veterans’ Preference on your resume or elsewhere in your application package (type of preference, dates of service, date of VA letter, character of service, etc...)

For more information on the position please visit our website:
https://www.nps.edu/web/ece/employment1

Review of applications will begin immediately and applications will be accepted until the position is filled. The Naval Postgraduate School is an Equal Opportunity Employer.