Faculty Position in Electrical Power Systems Engineering

The Department of Electrical and Computer Engineering (ECE) at the National University of Singapore (NUS) is seeking a tenure-track faculty candidate at all levels to lead highly impactful research and teaching in the fields of electric power systems engineering.

While we expect the candidate to have earned a Ph.D. degree in Electrical Engineering, we welcome applications from highly qualified candidates with expertise in research areas in power systems network such as smart- and micro-grids, and have the necessary skills, knowledge and ability in handling high power applications. The candidate is expected to collaborate closely with existing faculty in a team to strengthen the Department’s already existing competencies in the design of LV and MV grids with distributed power generation, interfacing renewable energy sources, energy storage and V2G system etc., and model and control of power system networks and power electronic based systems.

The candidate is expected to possess rigorous theoretical foundations in topics ranging from electrical power system design to integrated smart-grid system design, as well as the ability to translate theories and concepts to applications in the aforementioned application areas. A senior faculty candidate would be expected to have a strong sponsored research and publication record, be highly experienced in teaching and mentoring, and provide leadership and vision. A junior faculty candidate would have demonstrated significant creativity and independence in emerging technologies and applications.

The candidate will be expected to contribute to teaching the core curriculum, develop advanced inter-disciplinary courses in the fields of power and energy systems including power system dynamics and control, power system reliability, set up an outstanding research program, and to contribute towards major collaborative programs in engineering.

NUS is a leading Asian and worldwide ranked University with a strong commitment to education and research. It ranks amongst the top 10 universities in Asia. ECE is the largest department in NUS, with a tenure-track or tenured faculty size of about 90 supported by about 200 administrative/technical/research staff. Full-time undergraduate enrolment over 4 years is about 1,400 students, reading either the B.Eng. (Electrical Engineering) or the B.Eng. (Computer Engineering) degree programs. Graduate students enrolled for the PhD, research-based M.Eng. and part-time coursework based M.Sc. programs are about 340, 30 and 220, respectively. With our size and scope of activities, we provide a conducive environment for high potential teachers and scholars to realize their potential to the fullest.

More details about ECE can be found at http://www.ece.nus.edu.sg

Interested applicants are invited to send a detailed CV, a teaching philosophy statement, list of publications, statement of research interests and plans, contact details of at least 3 referees (junior faculty candidate at rank of Assistant Professor) or 6 referees (senior faculty candidate at rank of Associate Professor and above), and the NUS Personal Data Consent for Job Applicants to:

Chairman, Search Committee (c/o Ms Jade Ong)
Department of Electrical & Computer Engineering
National University of Singapore
Block E4, Level 5, Room 45
4 Engineering Drive 3, Singapore 117583
Fax: +65 6779-1103
Email: eleopgi@nus.edu.sg

Shortlisted candidates will be invited for a campus visit and interview. Applications will be accepted until the available position is filled.