

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF ELECTRONIC AND INFORMATION ENGINEERING

Post Specification

Chair Professor / Professor in Electronic and Information Engineering (Ref. 20091710)

Since its inception in 1974, the Department of Electronic and Information Engineering (EIE) has enjoyed a distinguished history of providing outstanding engineering education and applicable research in Hong Kong. As part of our long term strategic development, we are introducing new courses in information security and specialism in optoelectronics in Master's degree. This reflects both our research objectives and responds to the needs of employers in Hong Kong and beyond.

The Department is seeking to appoint a Chair Professor/Professor to lead research activities within the department. The Department has current strengths in signal processing, non-linear and complex systems, optoelectronics for both sensors and communications and photovoltaics. We are seeking appointees with an international reputation to complement and build our research strength. Applicants in fields such as wearable/disposable electronics, wireless and future communication networks, micro and nano electronics, imaging and sensors for biomedical systems, green communications technologies, power system, quantum information, big data, deep learning, and emerging areas of electronic and information engineering, etc. are encouraged to apply. Potential candidates in other fields who can articulate a vision to enhance the departmental research are also welcome to apply.

Leading scholars regularly visit the Department for research collaboration and to enhance the Department's research profile. The Department has extensive resources to support a wide variety of teaching activities and research interests. Please visit the website at <http://www.eie.polyu.edu.hk/> for more information about the Department. EIE is a constituent department of the Faculty of Engineering. Information on the Faculty is available at <http://www.polyu.edu.hk/feng/>.

Duties

The appointee will be required to:

- (a) provide leadership in all aspects of academic activities, including research, teaching and service in the Department;
- (b) provide leadership in promoting research collaboration, securing external research grant, improving research quality and publication output in power/energy systems and related disciplines;
- (c) facilitate the Department to gain and increase its visibility and international connections;
- (d) teach and contribute to curriculum development at undergraduate and postgraduate levels;
- (e) engage in the supervision of research students of the Department (e.g., MPhil and PhD students);

- (f) contribute to academic and departmental administration/management; and
- (g) undertake any other duties as assigned by the Head of the Department or his delegates.

Qualifications

Applicants should have:

- (a) a doctoral degree in Electronic and Information Engineering or a closely related field;
- (b) an international reputation in research and scholarship in Electronic and Information Engineering or closely related areas;
- (c) a strong record in attracting research funding;
- (d) a demonstrated commitment to excellence in teaching;
- (e) a global perspective, proven academic leadership and ability to foster collaboration with faculty members with different cultural and research backgrounds in teaching, intellectual contributions and service activities; and
- (f) ability to bring more visibility, prestige and reputation to the University.

Remuneration and Conditions of Service

Terms of appointment and remuneration package are negotiable and highly competitive. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <http://www.polyu.edu.hk/hro/TC.htm>.

Application and Nomination

Applicants are invited to send a detailed curriculum vitae by post with the names and addresses of three referees, and direct any enquiries to the Chairman of the Faculty Staffing Committee (Chair Professors), **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to search.chairprof-eie@polyu.edu.hk, quoting the position being applied for and the reference number. **Recruitment will continue until the position is filled.** Candidature may be obtained by nominations. General information about the University is available at <http://www.polyu.edu.hk> or from the Human Resources Office [Tel: (852) 2766 6562]. The University's Personal Information Collection Statement for recruitment can be found at http://www.polyu.edu.hk/hro/job/en/guide_forms/pics.php.

17 September 2020