2-Year Assistant Professorship in Electronic and Computer Engineering

Introduction

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates, and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life, and in the workplace, by providing a high-quality rounded education appropriate to the challenges and opportunities of the 21st century.

Excellence in its education and research activities has led to DCU’s regular presence in the rankings of the world’s top young universities. It has been consistently placed in the top 50 international universities under 50 years old in the QS ‘Top 50 Under 50’ rankings since its inception.

The School of Electronic Engineering is a research-intensive school that is home to key researchers in research centres such as CONNECT, Entwine, Insight, and I-Form, in addition to particular strengths in optical and terahertz research, semiconductor characterization, communications, and computer vision and medical imaging. The School also has strong innovative degree offerings at undergraduate and postgraduate levels. The Electronic and Computer Engineering BEng degree is a four-year programme, with integrated work experience and state-of-the-art Majors in Systems and Devices, High-Speed Communications, Digital Interaction, and the Internet of Things (IoT). The Electronic and Computer Engineering MEng degree is a highly flexible offering that allows participants to personalise a taught Masters programme based on preferred focus areas. With a range of over twenty modules from which to choose, the programme is highly customisable, including the option of specialising in one of four areas: Nanotechnology, Advanced Data Networks, Internet of Things (IoT), and Image Processing and Analysis. See: ece.eeng.dcu.ie for more details.

The Role

The appointee will be expected to contribute directly to the Electronic and Computer Engineering MEng and BEng degree programmes through research-led teaching, supervision of laboratory sessions, student mentoring and supervision of BEng and taught MEng projects. Specifically, the successful applicant will be required to (inter alia):

- Develop materials and resources to support blended and online delivery of modules within the School, and to undergo relevant training where appropriate.
- Pursue an active research agenda with ongoing research publications in leading international academic journals, peer-reviewed conferences, and with high profile book publishers, both individually and, where appropriate, in collaboration with colleagues in DCU and elsewhere.
Deliver course content to students, including lectures, laboratories and tutorials at undergraduate and postgraduate levels in a manner consistent with DCU’s high academic standards.

Support the internationalisation and transnational strategic initiatives of the University by travelling to our worldwide partner institutions to deliver programme content.

Set and assess examinations and continuous assessment materials.

Work proactively in improving existing courses and programmes, and contribute to the design and development of new courses and programmes.

Contribute to team effectiveness, leadership/management and administration.

Applications are specifically invited from those with strong research credentials and publication record, particularly in the research areas of Intelligent Systems Engineering, Future Communications and Networks, and Co-operative Robotics. The successful applicant will have demonstrated potential to establish an independent research programme and attract research funding from competitive research funding schemes and/or industry.

Applicants must also have demonstrated teaching experience at undergraduate and/or postgraduate level, ideally with expertise in subject areas that support the following Majors: Image Processing and Analysis, and the Internet of Things.

**Job Requirements**

- Must hold an honours degree in a relevant discipline, and be qualified to a post-graduate level with a PhD specialism in Electronic and Computer Engineering or a related discipline.

- Teaching experience, ideally including experience in international and/or online or technology-assisted teaching.

**Salary Scales:**

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary Range</th>
</tr>
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<tbody>
<tr>
<td>Assistant Professor above bar</td>
<td>€51,671 - €82,217*</td>
</tr>
<tr>
<td>Assistant Professor below bar</td>
<td>€38,736 - €53,251*</td>
</tr>
</tbody>
</table>

*Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the Assistant Professor Above Bar or Assistant Professor Below Bar salary scale in line with current Government pay policy.

**Closing Date:** 21st June 2018

**Further information:**

More information on the School of Electronic Engineering and its programmes can be found at: www.dcu.ie/electronics and ece.eeng.dcu.ie.

**Application Procedure**

Informal enquiries to the Head of School of Electronic Engineering: ee.head@dcu.ie

*Please clearly state the role that you are applying for in your application and email subject line: Job Ref [#894] Assistant Professorship in Electronic and Computer Engineering (International MEng Programme)*

Application forms are available from the DCU Current Vacancies (Open Competitions) website at http://www.dcu.ie/hr/vacancies/current.shtml and also from the Human Resources Office, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149. Email: hr.applications@dcu.ie
Applications should be submitted by email to hr.applications@dcu.ie or by post to the Human Resources Department, Dublin City University, Dublin 9.

DCU is an Equal Opportunities Employer