



Faculty of Engineering and Computing

School of Computing



Senior Academic Appointment

Professor/Associate Professor in Machine Translation

(5 Year Contract)

The School of Computing is one of three schools that constitute the Faculty of Engineering and Computing at Dublin City University (DCU), the others being the School of Electronic Engineering and the School of Mechanical and Manufacturing Engineering.

It is one of the largest Schools of Computing in Ireland, with one of the larger complements of postgraduate students in particular, postgraduate research students, compared to other academic computing departments in Ireland.

The School has been very successful in earning contract research income over the last seven years through the work of its associated research centres, the largest of which is the **Centre for Next Generation Localisation (CNGL)**.

CNGL

CNGL is a €40M dynamic, collaborative academia-industry partnership that involves Dublin City University (DCU), Trinity College Dublin, University College Dublin, University of Limerick, and ten industrial partners that include world leaders in their respective fields. CNGL is DCU led, is funded by Science Foundation Ireland (SFI) and is directed by Professor Josef van Genabith from the DCU School of Computing. For further detail on the centre please refer to www.cngl.ie

The Position

The Faculty of Engineering and Computing is seeking an Associate Professor / Professor with an established international track record and reputation in the area of Machine Translation. The position is based within the School of Computing at DCU but the post-holder will operate as a Research Leader and Principal Investigator in CNGL and for the first two years of the appointment this will be his/her primary function. Subsequent to the initial two-year period the post-holder will be expected to contribute to the normal teaching and administrative functions of a senior member of academic staff within the School as well as maintaining his/her commitment to CNGL. This contribution is described in the Appendix to this document.

The salary offered will reflect the experience and international standing of the successful candidate.

Research Duties and Responsibilities

In his/her capacity as Research Team Leader and Principle Investigator of the Machine Translation group at CNGL (DCU), the successful candidate will:

- Lead the vision and direction of our Machine Translation research and, in conjunction with other research leaders within CNGL contribute toward the overall vision and direction of the centre's work.
- Oversee and manage a large (20) group of Machine Translation researchers, including PhD students, post-doctoral researchers and Research Fellows, at CNGL and the NCLT (National Centre for Language Technology) at DCU.
- As part of the collaborative, cross-institutional CNGL research effort, co-ordinate and manage a large (~50) group of Language Technology researchers, including PhD students, post-doctoral researchers, Research Fellows, and CNGL Faculty at the CNGL partner universities DCU, TCD (Trinity College Dublin), UCD (University College Dublin) and UL (the University of Limerick).
- Work closely with CNGL Industry partners, including in research co-ordination, and proposal preparation, as well as engage in translational research, including commercialisation oriented activities.
- Make an international and national contribution to the Machine Translation research field, including as invited speaker and through communicating research results in high-impact publications.
- Contribute toward the continued growth of our Machine Translation research by securing new research funding and executing new research programmes.
- Participate in the relevant CNGL committees for research integration and centre management with other academic research leaders and industry partners.

Experience and Skills Required

Applicants must possess a doctorate in Machine Translation or a related discipline.

The successful candidate will have already established a world class reputation for research in the area of Machine Translation, with an excellent record of high-impact international publications, a strong vision for how to advance the current state-of-the-art in Machine Translation and ideally have a strong track record of leading a large research group and mentoring PhD students.

Experience in attracting funding for, and conducting/coordinating, large-scale international research projects, in academic 'evaluation campaigns' of Machine Translation systems and in projects involving the release/maintenance of Open Source MT software would be an advantage.

In addition to leading a large Machine Translation research group, the successful candidate will be expected to assume the role of Principal Investigator, in charge of projects funded by existing grants to CNGL, and to provide leadership across a range of research activities spanning Machine Translation, Speech Technologies (focused on Speech Translation) and Text Analytics.

Experience in an environment involving collaborative research with industry/commercial partners and with the commercialisation of university research through licensing and/or the formation of spin-out companies is also desirable.

Appointment

The appointment will be made at the level of either Associate Professor or Professor, commensurate with the experience and qualifications of the successful candidate.

Salary scales:	Associate Professor	€82,974 - €110,062
	Professor	€113,064 - €145,952

Closing date: 7th October 2011

Application forms are available from:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500; Email: hr.applications@dcu.ie

Dublin City University is an equal opportunities employer

APPENDIX

Normal teaching and administrative functions of a senior member of academic staff within the School of Computing at DCU

Senior academic staff members are expected to demonstrate an ability to contribute to the School and Faculty in the following ways (among others):

Programme Delivery and Development:

- Prepare, deliver and assess a range of Computing modules at undergraduate and postgraduate levels.
- Supervise undergraduate and postgraduate projects, especially in the area of Machine Translation.
- Liaise with other module co-ordinators on course development and delivery
- Participate in the ongoing development of programmes in the Computing area.
- Engage with national and international graduate education initiatives in Computing
- Be willing to develop novel delivery modes for programmes, especially in the context of overseas initiatives.

Contribution to University and Profession

- Contribute to the School, Faculty and University in terms of programme development and management, student recruitment, strategic planning, quality review and improvement processes, and external programme accreditations.
- Contribute to the profession by involvement with appropriate professional institution(s) and associated initiatives.

Research Quality

- Engagement in high quality research activities in the field of Machine Translation (publications in high impact factor journals, and presentations at national and international conferences).
- Evidence of ability to establish an independent research programme and attract research funding from competitive research funding schemes and/or industry.
- Ability to engage in interdisciplinary research.