



**Dublin City University
Faculty of Engineering and Computing
School of Computing**

Professor / Full Professor in Computing (Natural Language Processing)

Fixed Term Five Year Contract

Background

Dublin City University (<http://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, broad education appropriate to the challenges and opportunities of the 21st century. As Ireland's University of Enterprise, it is characterised by a focus on innovation and entrepreneurship and a track-record of effective engagement with the enterprise sector. Excellence in its education and research activities has led to its consistent position in the rankings of the world's top young universities (e.g. THE 100 Under 50).

DCU seeks to make a key appointment to support existing academic and research leadership in the area of multilingual Natural Language Processing (NLP) within the School of Computing, home of the ADAPT Centre for Digital Content Technology.

The DCU School of Computing, incorporating the DCU ADAPT site, is seeking a talented world-leading researcher to join its strong research team.

ADAPT Centre for Digital Content Technology

The ADAPT Centre is Ireland's global centre of excellence for digital content technology. It combines the expertise of researchers at four universities, including DCU, with that of its industry partners to produce ground-breaking digital content innovations.

ADAPT brings together more than 150 researchers who collectively have won more than €100m in funding and have a strong track record of transferring world-leading research and innovations to more than 140 companies. With €50M in new research funding from Science Foundation Ireland and industry, our research and technologies will continue to help businesses in all sectors and drive forward future Web engagement.

The post-holder will have the benefit of interaction and collaboration with the wider ADAPT research teams: a significant body of researchers, including PhD students, post-doctoral researchers, Research Fellows and ADAPT staff working on aspects of Language Technology, Machine Translation, Personalisation, Multimodal Processing, and Privacy & Ethics across the four partner universities in ADAPT.

This is an exciting time for the ADAPT Centre as, during the next year, it seeks further Governmental support for an extension to the ongoing 6-year programme. Accordingly, the successful candidate has the opportunity to shape his/her future research goals by contributing to the envisaged programme of work during the next cycle of ADAPT. For more information on the ADAPT Centre please see <https://www.adaptcentre.ie/>.

School of Computing

This post is in the School of Computing in DCU, which has earned a strong reputation for excellence in research and in teaching at undergraduate and postgraduate level since its foundation thirty years ago. A key part of its innovative approach is to anticipate new directions in computing, and has programmes in Data Science, Data Analytics, Software Engineering, Cloud Computing as well as Enterprise Computing. We meet the challenge of a fast-changing technology through strategic development of our portfolio of teaching and research. The School, home to a large number of PhD students, is an active centre of research and innovation. Members of staff have collaborative links with a range of national and international research centres. The School is a major stakeholder in two Irish SFI Research Centres, specifically: The Insight Centre for Data Analytics and the ADAPT Centre for Digital Content Technology. Furthermore, staff are significantly involved in a number of other research groups including: Lero the Irish Software Research Centre, and the Advanced Research Computing Centre for Complex Systems Modelling (ARC-SYM). Further information about the School can be obtained from its website: <http://www.computing.dcu.ie>. We offer a dynamic and internationally-focused environment in which to advance your academic career.

The Position

The successful candidate will be an internationally recognised leader in the field of multilingual NLP, committed to the pursuit of leading-edge research, who will help to support strategic research leadership in the ADAPT Centre and across DCU. While the successful candidate can be expected to extend DCU's internationally recognised expertise in NLP, a demonstrable track record in the area of Machine Translation would also be highly beneficial. The successful candidate will be expected to contribute to teaching, curriculum development and administrative activities in the School of Computing across all levels. This position presents an exciting opportunity for an individual to make a significant contribution to the future of DCU as it enters its next stage of major development.

Key Responsibilities

Duties attached to this post include:

(1) Teaching: The Appointee will be expected to take a leadership role in the development of teaching and learning. S/he would be expected to deliver and assess modules across a range of degree programmes, engage in research-led teaching, supervise capstone projects and participate in other teaching-oriented activities. This will extend to supporting innovation in teaching, transnational and digital provision of programmes, engaging with international travel and new technology as needed.

(2) Research: The Appointee will demonstrate academic excellence by conducting leading-edge research and publishing results in top-ranked academic journals and conferences. The Appointee will also demonstrate industrial and societal impact of that research, as well as a track record in funding diversity. The Appointee can be expected to participate in research-related administration such as research student supervision, PhD thesis examination and related duties.

(3) Administration: The Appointee will be required to contribute to the administration and leadership/management of the School of Computing, Faculty of Engineering and Computing, and the wider university.

Person Specification

Applications are invited from academics who are established leaders and active researchers within the broad area of Multilingual NLP. The successful candidate will have an international reputation in research and a substantial publications record in high-quality international journals and conferences, with an ongoing commitment to excellence in teaching and learning, and will possess strong interpersonal and communication skills. Applicants must possess a doctorate in Computing or a related discipline. Applicants should be able to demonstrate an active research programme with significant potential for future publication and interaction with enterprise partners, should have a successful record of research supervision and income generation through research and interaction with enterprise partners, and have experience of curriculum and programme development. Experience in industry is desirable.

Salary Scale:

Full Professor: €114,740 – 140,961

Professor: €83,804 - €111,162

The appointment will be made at the level of Professor or Full Professor, depending on the experience of the successful applicant.

Closing date: 1 May 2018

Application Procedure

Informal enquiries to:

Professor Rory O'Connor, Head of School of Computing, Dublin City University, Dublin 9, Ireland

E-mail: Rory.OConnor@dcu.ie

Tel: +353 (0)1 700 5643

Website: <http://www.computing.dcu.ie>

Please do not send applications to this email address, instead apply as described below

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #846: Full Professor / Professor in Computing (Natural Language Processing).

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9, Ireland. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: hr.applications@dcu.ie

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