



**Post-Doctoral Researcher (Commercial Projects)  
(Two-Year Contract)**

The Centre for Next Generation Localisation (CNGL) is a DCU-led Science Foundation Ireland (SFI) funded Centre for Science Engineering and Technology directed by Prof. Josef van Genabith. CNGL is a €30M collaborative research centre that involves Dublin City University, Trinity College Dublin, University College Dublin, University of Limerick, and nine industrial partners who include world leaders in their respective fields.

***Our work is guided by the vision of enabling people to interact with content, products and services in their own language, according to their own culture, and according to their own personal needs.***

CNGL is now in the process of expanding its research base through new projects funded from a variety of sources (e.g. EU FP7, Enterprise Ireland, etc.).

As part of our initiative of commercial outreach and our engagement with industry collaborators on pilot and contract research projects, we wish to recruit a Post-Doctoral Researcher on a fixed term contract basis to work in the area of **Machine Translation** focused specifically on short-term pilot and contract research projects.

**Duties and Responsibilities**

The post-holder will be responsible for the specification, design, configuration and evaluation of system components of DCU's MATREX machine translation framework for use in pilot and contract research engagements with commercial collaborators. This work will include development as necessary of additional tools in the MATREX framework for pre-processing and post-processing of collaborators' data in the translation process.

He / she will work closely within a team of researchers and software developers and with other partners at various academic and commercial locations. The post-holder will also have the benefit of interaction with the wider CNGL research team, including the significant body of researchers working on Language Technology and Machine Translation at CNGL.

It is the nature of this position that the post-holder will be expected to work on multiple short-term pilot style projects, sometimes in parallel, that help demonstrate the capabilities of the DCU MATREX system for automated translation of collaborators' data with a view toward developing longer-term research collaboration projects.

This is an applied R&D-oriented position, where the aim is to demonstrate existing Machine Translation technology in commercial deployment, rather than a basic research project aiming to advance the state of the art in MT algorithms. The candidate should therefore have a preference for a career path in applied research and advanced technology development rather than basic research.

### **Experience and Skills Required**

The post-holder must possess a PhD in multilingual language technologies, preferably directly related to Machine Translation, or related discipline. Research and/or industrial experience in multilingual language technologies, in particular Machine Translation or related discipline is desirable. Candidates will also be required to demonstrate experience in software development related to Machine Translation.

In evaluating candidates' suitability for this role, the following competencies will be examined:

### **Discipline specific knowledge and expertise**

- Demonstrates a systematic understanding of a field of study and mastery of research associated with the field.

### **Research Skills**

- Designs and implements part of a programme of research using original thinking.

### **Generating & Communicating Research**

- Communicates research with peers and has begun to develop a research reputation.

### **Managing & Leadership skills**

- Demonstrates the potential to manage a research project including the supervision of students.

**Closing date:** 9<sup>th</sup> September 2011

**Salary scales:** €37,750 - €46,255

*Provisions of the 2011 budget may apply.*

**Informal Enquiries to:**

Candidates can contact Dr. Paraic Sheridan tel; +353 1 7006706, email: [paraic.sheridan@computing.dcu.ie](mailto:paraic.sheridan@computing.dcu.ie) with informal queries regarding the post.

**Application Procedure:**

Application forms are available at:

[www.dcu.ie/vacancies/APPLICATION\\_FORM\\_8pg.doc](http://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](mailto:hr.applications@dcu.ie)

*DCU is an equal opportunities employer*