



Research Centre	ADAPT Centre, Centre for Digital Content Platform Research
Post title	Post-Doctoral Researcher in Information Retrieval
Level on Framework	Level 1
Post duration	24 Months

As part of this role the researcher will be required to participate in the DCU Research Career Framework. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path.

Background & Role

The ADAPT Centre, the centre for digital content platform research seeks to appoint a Post-Doctoral Researcher in Information Retrieval.

ADAPT is Ireland's global centre of excellence for digital content and media innovation. Led by TCD, it combines the expertise of researchers at four universities (Trinity College Dublin, Dublin City University, University College Dublin, and Dublin Institute of Technology) with that of its industry partners to produce ground-breaking digital content innovations.

ADAPT brings together more than 120 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 EURO 50M in new research funding

from Science Foundation Ireland and industry, ADAPT is seeking talented individuals to join its growing research team. Our research and technologies will continue to help businesses in all sectors and drive back the frontiers of future Web engagement.

Principle Duties and Responsibilities

The Post-Doctoral Researcher will be required to carry out in areas of multimodal, multilingual and adaptive information retrieval focusing primarily on user generated and socially created content. Within this role the Post-Doctoral Researcher will be involved in both platform and applied research, and required to collaborate with other researchers as necessary to fulfil the research mission of the ADAPT Centre.

Reporting to his/her Principal Investigator the Postdoctoral Researcher will:

- Investigate the integration of technologies to develop novel systems for interactive multimodal information retrieval.
- Devise new techniques for information retrieval and delivery for user generated and social content, such as user forums, microblogs, and enterprise content, including multimodal information sources.
- Explore the novel application of information retrieval methods in applications requiring access to relevant information from large datasets.
- Participate in ADAPT centre activities, such as industry showcases, annual reviews and industry-targeted projects.
- Report on progress at meetings and in writing to ADAPT centre management.
- Assist in identifying and developing future research and funding initiatives
- Engage in the dissemination of the results of the research in which he/she is engaged with the support of and under the supervision of the Principal Investigator
- Supervise and assist undergraduate and postgraduate students working in this area with their research
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Engage in teaching and teaching support as assigned by the Head of School under the direction of the Principal Investigator
- Liaise with both internal and external stakeholders including industry and academic partners/collaborators
- Carry out administrative work associated with the programme of research as necessary

Funding Information

The position is funded through the Science Foundation Ireland (SFI) ADAPT Research Centre.

Criteria

It is *essential* that applicants should have a PhD in Information Retrieval, as well as excellent programming skills and excellent research skills.

Candidates for this position should have experience of conducting research in information retrieval, publishing at leading international venues, and ideally collaborating with other researchers. Experience of mentoring and/or supervision of students or junior

researchers would be an advantage.

It is *desirable* that applicants have experience in coordinating the development of research prototype information retrieval systems, working in industrial or with industrial clients, project management skills.

Salary: €37,750 - €46,255

Appointment will be commensurate with qualifications and experience.

Closing date: 12th August, 2015

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline.

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies) and the ability to contribute to grant applications

Communicating Research – Demonstrates the ability to communicate their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students

Managing & Leadership skills - Demonstrates the potential to manage a research project including the supervision of undergraduate students.

Application Procedure

Informal Queries to: Aoife Brady Aoife.brady@adaptcentre.ie. Please include the ADAPT Position Title in all email communications.

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 151 Post-Doctoral Researcher in Information Retrieval

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. Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: Insert hr.applications@dcu.ie

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