



Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University

**Full Professor of Computing
(Multimodal Information Processing)
Permanent Contract**

**DCU School of Computing
Faculty of Engineering and Computing**



Full Professor of Computing (Multimodal Information Processing) Permanent Contract

DCU School of Computing Faculty of Engineering and Computing

The Senior Academic Leadership Initiative

Applications are invited from suitably qualified candidates for a new post, Full Professor of Computing (Multimodal Information Processing) under the Senior Academic Leadership Initiative (SALI) Call 2019, in line with the requirements set out in the Higher Education Authority (HEA) Call document <https://hea.ie/assets/uploads/2019/06/FINAL-Call-document-2019-06-21.pdf>

This SALI Programme is managed by the Higher Education Authority (HEA), on behalf of the Department of Education and Skills (DES). Following a competitive process based on an annual Call for applications from higher education institutions (HEIs), the HEA approved two new and additional senior academic leadership posts for our institution in the areas of Computing (Full Professor of Computing – Multimodal Information Processing), and Physical Science (Full Professor of Plasma Physics) to assist in accelerating gender balance at senior levels.

Dublin City University

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 is seeking to make a strategic appointment to support existing academic and research leadership in the area of Multimodal Information Processing within the School of Computing, home of the ADAPT Centre for Digital Content Technology. The DCU School of Computing, incorporating the DCU ADAPT Centre, is seeking a talented world-leading researcher to join its strong research team.

ADAPT Centre for Digital Content Technology

Co-led by DCU, the ADAPT Centre (<https://www.adaptcentre.ie/>) is Ireland's global centre of excellence for digital content technology. It combines the expertise of researchers at eight universities with that of its industry partners to produce ground-breaking digital content innovation.

ADAPT brings together more than 250 researchers who collectively have won more than €200m in funding and have a strong track record of transferring world-leading research and innovations to more than 170 companies. With €100M in research funding from Science Foundation Ireland (SFI), industry and Europe, ADAPT's research and technologies will continue to help businesses in all sectors and drive forward future Web engagement in drivable and attentive AI applications.

The Appointee 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, VR/AR and Privacy and Ethics across the eight partner universities in ADAPT.

This is an exciting time for the ADAPT Centre as it transitions from the first phase of SFI funding to the phase II extension from 2021-26. Accordingly, the successful candidate has the perfect opportunity to shape their future research goals by contributing to the envisaged programme of work during the next cycle of ADAPT.

DCU School of Computing

This post is in the DCU School of Computing (<http://www.computing.dcu.ie>), which has earned a strong reputation for excellence in research and in teaching at undergraduate and postgraduate level since its foundation forty years ago. A key element of its innovative approach is to anticipate new directions in computing, and it has programmes in Data Science, Data Analytics, Software Engineering, Artificial Intelligence, Cloud Computing as well as Enterprise Computing. The School meets 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. It offers a dynamic and internationally-focused environment in which the chosen candidate can advance their academic career. Members of staff have collaborative links with a range of national and international research centres. In addition to ADAPT, the School is a major stakeholder in another Irish SFI Research Centre, specifically: the Insight Centre for Data Analytics. 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).

The Position

Reporting to the Head of School, the successful candidate will be an internationally recognised academic in the field of Multimodal Information Processing, committed to the pursuit of leading-edge research, who will help to support strategic research leadership in the ADAPT Centre and across DCU. The successful candidate will have a demonstrated track record in Multimodal Information Processing, with a specialism in at least one of the following areas: text analytics (natural language processing), speech and audio processing, image processing and video processing. The successful candidate will be expected to extend DCU's internationally recognised expertise in these areas. The successful candidate will also be expected to contribute to teaching, curriculum development and administrative activities in the DCU 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.

See job description for list of key responsibilities.

Person Specification/Experience Requirements

Applications are invited from academics who are active researchers within the broad area of Multimodal Information Processing. The successful candidate will have an international research profile and a track record of publications in high-quality international journals and conferences, with an ongoing commitment to excellence in teaching and learning. Applicants must possess a doctorate in Computing or a related discipline. Applicants should be able to demonstrate an active research programme with potential for future publication and interaction with enterprise partners. They should also have a track record of research supervision and income generation through research and interaction with enterprise partners. Experience in industry is desirable.

Candidates must demonstrate excellent interpersonal and communication skills consistent with the highest quality of teaching, research, management and external engagement, together with evidence of successful teamwork and a collegial approach. The successful candidate will play an important role in the further enrichment of the School's national and international reputation and she/he must display clear leadership attributes and skills and have the ability, and interest, to inspire and motivate colleagues with regard to all areas of activity of the DCU School of Computing.

Salary Scale: € 120,273- € 154,506

Appointments will be commensurate with qualifications and experience, and will be made on the appropriate point of the salary

scales, in line with current Government pay policy.

Closing date: 2nd December 2020

Informal Enquiries:

Informal enquiries may be addressed to Associate Professor Brian Corcoran, Acting Executive Dean, Faculty of Engineering and Computing (brian.corcoran@dcu.ie). Please do not send applications to this email address, instead apply as described below.


Application Procedure:

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) 1 700 5149.

Applications should be submitted by e-mail to hr.applications@dcu.ie

Please note in order to be considered for the role, you must include the following:

1. Cover Letter
2. Please provide a statement outlining your suitability for this particular post in relation to the stated objectives of the Senior Academic Leadership Initiative or detail any exceptional circumstances as to why you should be considered for this post (Max 300 words). The statement provided will only be used as part of the initial screening phase to determine suitability for this particular post against the stated objectives
3. Completed Application form
4. Curriculum vitae



All four documents listed above must be submitted by e-mail to hr.applications@dcu.ie

**Please clearly state the role that you are applying for in your application and email subject line: Job Ref #NR029a
Full Professor of Computing
(Multimodal Information Processing)**

Dublin City University is an equal opportunities employer and is committed to promoting gender equality reflected in its attainment of the Athena SWAN Bronze Award. Information on a range of university policies aimed at creating a supportive and flexible work environment are available at: www4.dcu.ie/policies/policy-starter-packs.shtml.