



Research Assistant in Emerging Technologies

ADAPT Centre

Fixed Term Contract up to 18 Months

Overview

Dublin City University www.dcu.ie is a young, ambitious and vibrant University, with a mission ‘to transform lives and societies through education, research, innovation and engagement’. Known as Ireland’s ‘University of Enterprise and Transformation’, it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU’s ranking among the top 2% of universities globally. It also consistently features in the world’s Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions’ contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

Background

The ADAPT Centre, a world-leading SFI Centre, is Ireland’s global centre of excellence for digital content technology funded through Science Foundation Ireland’s Centres programme. ADAPT combines the expertise of over 300 researchers across eight Higher Education Institutes (Trinity College Dublin, Dublin City University, University College Dublin, Technological University Dublin, Munster Technological University, Athlone Institute of Technology, Maynooth University, and National University of Ireland, Galway) with that of its industry partners to produce ground-breaking digital content innovations.

The ADAPT Centre executive function is co-hosted between Trinity College Dublin and Dublin City University. ADAPT brings together more than 300 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. ADAPT partners are successfully advancing the frontiers of Artificial Intelligence (AI), content analysis, machine translation, personalisation, e-learning and education, media technologies, virtual and augmented reality, and spoken interaction, as well as driving global standards in content technologies.

ADAPT's Emerging Technology team wishes to recruit a Research Assistant on a fixed term contract to work on the StandICT.eu 2023 project. The main goal of the project is to create a European Standardisation Ecosystem, by: a) launching & managing a robust and efficient facility with € 3,000,000 funding earmarked over 36 months & 10 Open Calls, the StandICT.eu Fellowship Programme; b) empowering contributions from ICT standardisation experts letting their voices be heard, also in the Standardisation Observatory; c) pursuing the training of next generation of ICT standardisation experts, engaging with National Standards Associations & PPPs; d) ensuring hi-level steering of StandICT.eu 2023 by means of an authoritative Expert Group (the EAG) who tap directly into the WGs & TCs of SDOs, tackling EU priorities, challenges & gaps; e) Creating an engaging & influential Foresight Committee (the EUOS-FC) to keep momentum in policy discussions, in-synch with the MSP.

StandICT.eu 2023 builds on the success of the 2018-19 StandICT.eu initiative, moving from the existing 700+ community, the grants platform & processes, the standards watch. Moreover, StandICT.eu 2023 is proposed by a lean Consortium, coordinated by the same organisation leading the precursory initiative –Trust-IT Srl (IT), an SME with over 15 years' experience of managing complex EC-funded projects in ICT– including 2 experienced partners: Dublin City University (IE), a major player in SDO WGs & TCs and in educating future ICT Standards experts, & InterInnov (FR), an SME specialised in stakeholder engagement, with their agile methodology approach.

All Consortium Partners bring to the project their impressive international network in ICT standardisation. Principal outputs: The StandICT.eu Fellowship Programme, with 10 Open Calls, 1000+ proposals received, 400+ funded Experts & 50+ External Evaluators; 5,000+ significant ICT Standards uploaded in the Observatory; 10 Webinars, 10 Workshops, 2 Standards Assemblies, 2 ICT Standards Impact Reports, a truly engaged, multi-stakeholder ICT Standardisation Community, well representing SMEs and Academia

In this context, the Research Assistant will liaise with stakeholders within the project and support the Director of the EUOS in the management of board activities, Experts Advisory Groups and EUOS TWG Chairs. The RA will also take be expected to support the organization of meetings and engage in the outputs and deliverables necessary for the proper execution of the project such as Landscape Reports and Analysis of the Standardization environment.

Role Profile

The successful individual will work within a group of Academics, Postdoctoral Researchers, PhD students and Research Engineers comprising the StandarICT.eu 2023 team based in the ADAPT Centre in the School of Computing at DCU. This is an excellent opportunity for those with both an interest and enthusiasm for emerging technologies such as AI, 5G, Cybersecurity, Blockchain, Trusted Information, Smart Cities, and Big Data and Data Interoperability. The position is particularly suitable for graduates and students with a specific interest in such technologies.

Duties and Responsibilities

Duties and Responsibilities include but are not limited to:

- Reports directly to the Director of EUOS
- Liaising with StandICT Management Board, Expert Advisory Group and EUOS TWG Chairs,
- Supporting memberships of the EUOS TWGs groups,
- Scheduling and monitoring of meetings progress,
- Collecting and summarizing the outputs of the groups
- Assisting the Research and Analysis on Landscape Reports
- Contribute to reports, papers and deliverables as required to ensure project deadlines are met,
- Contribute to activities related to the promotion of the StandICT.eu 2023 calls and dissemination of its results
- Research existing scientific literature and provide a range of reports
- Support with the creation and analysis of surveys containing both qualitative and quantitative questions
- Participate in meetings and represent the DCU team when required

Qualifications and Experience

Minimum Criteria

The successful individual will have a Primary degree in Computer Science or related discipline. In addition, it is desirable that the candidate has experience in emerging technologies and standardization

In addition to the above it is desirable that the candidate possess a subset of the following skills.

- Excellent communication skills, written and oral proficiency in English
- Good comprehension of emerging technologies and ICT standardization
- Proven ability to prioritise workload and work to agreed deadlines
- Excellent organizational skills, with the ability to coordinate and progress the tasks associated with own initiative
- Ability to work efficiently in a distributed team involving a range of complementary role
- Good analytical skills

Essential Training

The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.