Applications are invited from suitably qualified candidates for the following position:

Research Centre	The ADAPT Centre
Post title	Postdoctoral Researcher Emerging Technology Standardization
Level on Framework	Level 1
Post duration	2 years

Dublin City University

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.

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.

The ADAPT Centre

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.

Background & Role Profile

StandICT.eu 2023

StandICT.eu 2023's principal goal 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 steering 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.

Principal Duties and Responsibilities

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

- Contribute to reports and deliverables as required to ensure project deadlines are met
- Conduct a specified programme of research under the supervision and direction of the Principal Investigator
- 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
- 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
- Produce top-quality journal and conference publications, in collaboration with other project members.
- Provide leadership in the development of the StandICT.eu European Observatory for ICT Standards, its Technical Working Groups and its Standards Academy

Minimum Criteria

Applicants must have a PhD in Computer Science or related discipline. In addition, it is desirable that the candidate has experience in emerging technologies and standardization

- A strong publication record of international peer-reviewed publication and presentation in top-tier conferences and journals.
- Excellent research skills with experience in technology areas like AI/Data/IoT/5G/Cloud (desired);
- Excellent written and verbal communication and interpersonal skills.

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