



Postgraduate Research Opportunity

Athlone Institute of Technology seeks applications for a co-funded MSc by Research between the Science Foundation Ireland Confirm Research Centre and Industry Partner.

Duration: 24 months

Location: Technological University of the Shannon: Midlands Midwest

Competition open to all suitably qualified candidates

Project Title:

Immersive Technologies Capability and Utility Evaluation for ergonomic and efficiency Design Validation of Manual Equipment.

Job Description:

Science Foundation Ireland (<http://www.sfi.ie/>) recently approved funding for a dedicated research centre in the Smart Manufacturing. The Confirm Centre for Smart Manufacturing (<http://confirm.ie/about/>) is a research centre based at the University of Limerick with partner institutions Technological University of the Shannon: Midlands Midwest (www.tus.ie), Tyndall National Institute, University College Cork, Cork Institute of Technology, NUI Galway, Maynooth University and Limerick Institute of Technology. The Centre, which is co-funded from industry, brings together 42 industry partners and 16 international manufacturing centres of excellence to focus on the development of smart manufacturing for applications across Ireland's leading industrial sectors. Confirm's ambition is to become a world leader in smart manufacturing research and to enable Irish industry to fundamentally transform to a smart manufacturing ecosystem, delivering measurable and visible economic impact to Ireland. The successful candidate will work with a world-class team of academics, researchers and industry partners in a highly innovative and motivated environment.

This is an industry co-funded MSc by Research with the partners Boston Scientific Galway, Confirm and TUS. The successful applicant will share their across offices in TUS and Boston Scientific. The candidate will develop and evaluate a suite of immersive applications to understand the utility and capability of these technologies for ergonomic and efficiency design validation of equipment.

Minimum Qualifications/Experience Necessary/Any Other Requirements:

First class honours degree in Computer Science or a related discipline. Minimum IELTS 7.0 with no Band less than 6 (for students with a degree from a non-English-speaking country); Strong knowledge in computer programming with Good experience in C++, Linux. Experience with user interaction technologies an advantage but not a requirement. The candidate must be highly self-motivated and passionate about a career as a researcher.

Stipend: €18,500 per annum.

Please note:

- Applications: Download Application Form at <https://www.ait.ie/research-and-innovation/research-vacancies/>
- Submit your application to pro@ait.ie in advance of closing date below (subject line must include "MSc By Research Confirm:_TUSNM_1")
- **Note: this position is subject to agreements between CONFIRM, TUS and the industry partner being signed in advance of project initiation.**

Informal Enquiries to:

Name:	Dr Niall Murray
Department:	Software Research Institute / Computer & Software Engineering
Email address:	nmurray@research.ait.ie

Closing date for receipt of completed applications: Monday April 18th.



TUS



Technological University of the Shannon: Midlands Midwest is committed to creating and sustaining an environment that values the diversity of our staff.

We encourage applications from all sectors of the community.

TUS is an equal opportunities employer.