



human

Fellowship Programme



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Marie Skłodowska-Curie
Actions

Human+ Fellowship Overview

New technologies, particularly recent advances in Artificial Intelligence (AI) and machine learning, often raise profound questions about their impact on individual and societal well-being, and how they influence the future shape of our political, cultural and economic life. The more immersive and engaging technology becomes, the more our relationship with technology and what it means to be human is coming under scrutiny. As society applies technology to recover from global events that trigger a paradigm shift in human thinking and behaviour, such as, 911, the Asian Tsumami of 2004 and more recently Covid-19, it is clear that the fundamental issues that we face today cannot be solved by one discipline, industry or approach alone.

Human+ is a five-year international and interdisciplinary fellowship programme that will conduct ground breaking research that addresses human centric approaches to technology development. The programme will create a unique research and training space that integrates expertise and insights from the arts, humanities and computer sciences as well as real world scenarios from industry and enterprise. Human+ will attract 18 world-leading researchers who understand technology as well as humanistic principles, to conduct two-year postdoctoral research fellowships in Ireland.

"The fundamental issues that we face today cannot be solved by one discipline, industry or approach alone."

Supported by the prestigious European Commission (EC) Horizon 2020 Marie Skłodowska-Curie COFUND Action, Human + is led by the Trinity Long Room Hub Arts and Humanities Research Institute and ADAPT, the Science Foundation Ireland Centre for Digital Content Innovation at Trinity College Dublin.





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Enterprise and Human+

Enterprise organisations working at the interface between societal and commercial demand and technology development have a unique perspective on real world challenges and the potential benefits of embracing human centric approaches to technology development. To maximise the benefits of the programme to Enterprise, Human+ provides an opportunity for companies to engage with the research fellows throughout their two-year fellowship via our Enterprise Partner Programme which has three main elements.

► Informing the Human+ Research Strands

In collaboration with the Human+ academic mentors, identify the real world challenges that underlie the broad Human+ research strands

► Participation in the Human+ Future Lab

Define an industry challenge and engage in mentoring a team of Human+ fellows who will work towards a demonstration of how a human centric approach to developing technology delivers an alternative perspective and added dimension to addressing that challenge

► The Human+ Industry Secondment

An in-company secondment co-funded by the company where the Human+ fellow works with the company for a period of 3 to 6 months, building on the knowledge and experience gained through the research fellowship, applying a human centric approach to a challenge of interest to the company.

Benefits for Enterprise Partners

As a Human+ Enterprise Industry Partner, the programme offers the following benefits:

- ▶ Opportunity to define a set of unique challenges faced by your organisation under the broad theme of “human centric approaches to technology development” for consideration under the Fellowship Call
- ▶ Access to cutting-edge research that is relevant and meaningful to your organisation through in-company secondment of a Human+ fellow working on topics of interest to your business
- ▶ Gain answers to the unique challenges facing your industry through involvement in the Human+ Future Labs thereby connecting with an international cohort of world-class researchers and talent pool
- ▶ A unique set of opportunities to create or to strengthen existing links with Trinity College Dublin
- ▶ Opportunity for your staff to take part in training at Trinity College with experts in information and communications technology and humanities scholarship
- ▶ Forge new partnerships in the areas of technology, research, training, and creative practice
- ▶ Scope for a Human+ fellow’s title to carry the name of your organisation
- ▶ Exposure to different organisational cultures and innovative thought leadership
- ▶ Exclusive access to events series at Trinity College like the *Behind the Headlines discussion series*, *SHAPE ID briefings* which focus interdisciplinary practices, and breakfast briefings for industry partners and Human+ supervisors.



Enterprise Partner Programme

The Human+ Enterprise Partner Programme provides a unique opportunity for a company to engage with the research fellows and gain new insights into what it means to be human in an ever changing, technology driven, digital world. For a sponsorship contribution of €70,000 from the enterprise partner, which will be matched by a further €70,000 from the Human+ programme, the Enterprise Partner Programme provides the following engagement opportunities over a two-year fellowship period.

Informing the Human+ Research Strands

Call to Enterprise: Through the Human+ Enterprise Partner Programme, we invite organisations to engage with the programme's academic mentors to identify real-world challenges that have the potential to deliver tangible benefits to your industry and enterprise.

Benefit to Enterprise: The subsequent call for research fellows will encourage applications that address the challenges identified by the Enterprise Partner, thereby increasing the potential of attracting high caliber researchers to your specific challenge.

By their nature humanities disciplines stimulate us to question accepted truths. They remind us that each individual is unique. By harnessing these characteristics, the Human+ programme can question and refine technologies during the research and design process, ensuring they continue to serve the best interests of humanity. These skills are critical to training the next generation of senior executives, politicians and other social actors as they seek to make more nuanced decisions about the challenging and often unanticipated, social consequences that emerge from some technological developments.

Human+ fellows will choose their research project from within the broad remit of two research strands:

Strand 1: Questions that consider technological developments from the humanistic perspective.

Strand 2: Adopting insights from the Arts and Humanities in the development of computing technology.



Human+ Future Lab

Call to Enterprise: Industry and Enterprise partners will be encouraged to actively participate, on a voluntary basis, in setting the Future Lab challenges and collaborating in the execution of the projects through the contribution of expertise and resources.

Benefit to Enterprise: Gain answers to the unique challenges facing your industry through involvement in the Human+ Future Labs thereby connecting with the entire Human+ talent pool and cohort of world-class international researchers.

Future Lab is a unique feature of the Human+ fellowship programme that will offer new perspectives on the cycle between technology and human experience. The Research Fellows, Enterprise Partner Mentors and Academic Supervisors will be invited to participate in workshops at which real world challenges related to technological innovation will be discussed. From these workshops three key challenges facing the technology industry will be selected for inclusion in the Future Lab programme. The Human+ fellows will be divided into interdisciplinary clusters and will work in collaboration with the industry mentor and academic supervisors on developing insights and solutions to these industry challenges. Towards the end of the two-year programme the fellows will present and demonstrate the outcome of their Future Lab project.

Human+ Industry Secondment

Call to Enterprise: Engage with a Human+ fellow and the Academic Supervisor to define and fund a research activity of interest to the enterprise partner that builds on the research fellowship and will be executed through secondment of the Human+ fellow to the enterprise partner.

"The secondment will form an integral part of each research fellow's training and research project and will match the interests of the enterprise partner."

Benefit to Enterprise: An opportunity to explore the principle and benefits of a human centric approach to technology development in a context directly relevant and meaningful to your organisation through in-company secondment of a Human+ fellow.

The opportunity exists for Enterprise partners to engage with a research fellow to work on a topic of interest to their organisation for a secondment period of 3 to 6 months. The Human+ programme will recruit 18 research fellows in total, each working on their own project, for a duration of two years. Each fellow will receive extensive professional and personal development training and must undertake a mandatory placement of 3-6 months outside academia. The secondment can be either a single period or divided into a number of shorter periods.



CONTACTS

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