Post Specification

Post Title:	**Research Fellow (Post-Doctoral Researcher)**
Post Status:	Specific Purpose Contract - Full-time
Research Group / Department / School:	Centre for Sociology of Humans and Machines, Department of Sociology, School of Social Sciences and Philosophy, Trinity College Dublin, the University of Dublin
Location:	3-5 Foster Pl, Trinity College Dublin, the University of Dublin, Dublin 2, Ireland
Reports to:	Professor Taha Yasseri
Salary:	Appointment will be made on IUA Post-Doctoral Researcher Scale PD1 at a point in line with Government Pay Policy [€45,846 to €52,339 per annum].
Hours of Work:	39 h/w (full-time)
Closing Date:	12 Noon (GMT), Friday 1st August 2025

Post Summary

We seek to appoint **a postdoctoral researcher** to join the Centre for Sociology of Humans and Machines (SOHAM), which is directed by Professor Taha Yasseri and to join the team working on the IRC-Funded project ANNETTE (Artificial Intelligence Enhanced Collective Intelligence). **The appointment is a specific purpose contract, to commence on 1ˢᵗ September 2025 or shortly thereafter.**

The successful candidate will have a background in Computer Science, Computer Engineering, Informatics, Data Science, Computational Social Science, or adjacent disciplines with research experience in agent-based modelling, social data science, or social network analysis and with advanced computational skills and interest in the sociology of collective intelligence and human-machine systems.

Project Description

Artificial Intelligence Enhanced Collective Intelligence (ANNETTE) examines the opportunities for enhancing collective intelligence through the deployment of artificial intelligence (AI) as a "team manager" and as a "team-mate" in crowd-based collaborative projects. ANNETTE will use behavioural experiments and agent-based simulation, combined with machine learning, to examine how collective intelligence can be enhanced by AI, particularly in two cases of collaborative content moderation on social media platforms and volunteer-based citizen science projects. ANNETTE will advance state-of-the-art teamwork and group organisation by bridging the fast-developing field of AI technologies.

Centre for the Sociology of Humans and Machines

The Trinity-TU Dublin Joint Centre for the Sociology of Humans and Machines (SOHAM) serves as a pioneering research hub focused on the dynamic interplay between society and intelligent technologies. Housing interdisciplinary scholars from diverse fields such as sociology, computer science, and psychology, SOHAM engages in cutting-edge research examining how AI and autonomous systems shape and are shaped by human behaviour and societal structures. At the heart of the centre's mission is an emphasis on fostering ethical and socially responsible technology integration, supported by public and academic events, international collaborations, and community outreach. With a state-of-the-art framework bridging Trinity College Dublin and Technological University Dublin, SOHAM catalyses innovation, policy influence, and academic

excellence, establishing a vibrant intellectual community poised to shape the future of human-machine relations.

Standard Duties and Responsibilities of the Post

- Conduct a specified programme of research and scholarship under the supervision and direction of your Principal Investigator.
- Engage in appropriate training and professional development opportunities as required by your Principal Investigator, your School or Institute, or the University.
- Engage in the dissemination of the results of the research in which you are engaged as directed by and with the support of and under the supervision of your Principal Investigator.
- Engage in the wider research and scholarly activities of your research group, School and Institute.
- Mentor and assist, as appropriate and as directed, the research graduate students in your School and Institute.
- Carry out administrative work associated with your programme of research.

Funding Information

Research Ireland.

Person Specification

Qualifications

PhD in a social/natural/life/computational science/engineering discipline

Knowledge & Experience

Essential

- Evidence of research activity (publications, conference presentations, awards) and future scholarly output (working papers, research proposals, and ability to outline a research project.

Desirable

Please note not all of the following criteria should be met by a single candidate

- Moderate to advanced programming experience
- Experience in conducting online and lab behavioural experiments

- Experience in social network analysis

- Experience in agent-based simulations

- Experience in machine learning

- Experience in research in AI and/or Collective Intelligence

- Cross-cultural research experience

- Leadership experience

- Experience in setting own research agenda

- Experience in science communication via blogs, podcasts, interviews, public lectures, etc.

Skills & Competencies

- An understanding of the operational requirements for a successful research project

- Excellent Communication Skills (Oral, Written, Presentation etc)

- Excellent organisational and administrative skills, including a proven ability to work to deadlines

Application Procedure

Applicants should submit the following documentation to Natasha Halpin at

recruit.sociology.sssp@tcd.ie, quoting "PD - SOHAM" in the subject line.

- A cover letter clearly indicates how the applicant's profile and skills fit the requirements of this Research Fellow position (max. two pages);

- A full Curriculum Vitae, including the list of publications

- Name, affiliation, and contact details of 2 referees (with their email addresses included);

Further Information for Applicants

Informal enquiries: contact Prof Taha Yasseri (taha.yasseri@tcd.ie).

URL Link to Area	www.tcd.ie/soham
URL Link to Human Resources	https://www.tcd.ie/hr/

Trinity College Dublin, the University of Dublin

Trinity is Ireland's leading university and is ranked 108th in the world (QS World University Rankings 2020). Founded in 1592, the University is steeped in history with a reputation for excellence in education, research and innovation.

Located on an iconic campus in the heart of Dublin's city centre, Trinity has 18,000 undergraduate and postgraduate students across our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences.

Trinity is ranked as the 17th most international university in the world (Times Higher Education Rankings 2020) and has students and staff from over 120 countries.

The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success. Trinity has developed 19 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and with colleagues around the world. Trinity is also home to 5 leading flagship research institutes:
- Trinity Biomedical Sciences Institute (TBSI)
- Trinity College Institute of Neuroscience (TCIN)
- Trinity Translational Medical Institute (TTMI)
- Trinity Long Room Hub Arts and Humanities Research Institute (TLRH)
- Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)

Trinity is the top-ranked European university for producing entrepreneurs for the past five successive years and Europe's only representative in the world's top-50 universities (Pitchbook Universities Report).

Trinity is home to the famous Old Library and to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps and early printed material. The Trinity Library is a legal deposit library, granting the University the right to claim a copy of

every book published in Ireland and the UK. At present, the Library's holdings span approximately 6.5 million printed items, 400,000 e-books and 150,000 e-journals.

With over 120,000 alumni, Trinity's tradition of independent intellectual inquiry has produced some of the world's finest, most original minds including the writers Oscar Wilde and Samuel Beckett (Nobel laureates), the mathematician William Rowan Hamilton and the physicist Ernest Walton (Nobel laureate), the political thinker Edmund Burke, and the former President of Ireland Mary Robinson. This tradition finds expression today in a campus culture of scholarship, innovation, creativity, entrepreneurship and dedication to societal reform.

Rankings

Trinity is the top ranked university in Ireland and ranked 108th in the world (QS World University Rankings 2020). Trinity ranks in the top 50 in the world on 6 subjects and in the top 100 in 20 subjects (QS World University Rankings by Subject 2019). Full details are available at: www.tcd.ie/research/about/rankings.

The Selection Process in Trinity

The Selection Committee (Interview Panel) may include members of the Academic and Administrative community together with External Assessor(s) who are expert in the area. Applications will be acknowledged by email. If you do not receive confirmation of receipt within 1 day of submitting your application online, please contact the named Recruitment Partner on the job specification immediately and prior to the closing date/time.

Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the University regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist. Outcomes of interviews are notified in writing to candidates and are issued no later than 5 working days following the selection day.

In some instances the Selection Committee may avail of telephone or video conferencing. The University's selection methods may consist of any or all of the following: Interviews, Presentations, Psychometric Testing, References and Situational Exercises.

It is the policy of the University to conduct pre-employment medical screening/full pre-employment medicals. Information supplied by candidates in their application (Cover Letter and CV) will be used to shortlist for interview.

Applications from non-EEA citizens are welcomed. However, eligibility is determined by the Department of Business, Enterprise and Innovation and further information on the Highly Skills Eligible Occupations List is set out in Schedule 3 of the Regulations https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Highly-Skilled-Eligible-Occupations-List/ and the Ineligible Categories of Employment are set out in Schedule 4 of the Regulations https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Ineligible-Categories-of-Employment/ . Non-EEA candidates should note that the onus is on them to secure a visa to travel to Ireland prior to interview. Non-EEA candidates should also be aware that even if successful at interview, an appointment to the post is contingent on the securing of an employment permit.

Equal Opportunities Policy

Trinity is an equal opportunities employer and is committed to employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community. On that basis we encourage and welcome talented people from all backgrounds to join our staff community. Trinity's Diversity Statement can be viewed in full at https://www.tcd.ie/diversity-inclusion/diversity-statement.

Pension Entitlements

This is a pensionable position and the provisions of the Public Service Superannuation (Miscellaneous Provisions) Act 2004 will apply in relation to retirement age for pension purposes. Details of the relevant Pension Scheme will be provided to the successful applicant.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Applicants formerly employed by the Irish Public Service that may previously have availed of an Irish Public Service Scheme of Incentivised early retirement or enhanced redundancy payment should ensure that they are not precluded from re-engagement in the Irish Public Service under the terms of such Schemes. Such queries should be directed to an applicant's former Irish Public Service Employer in the first instance.

Application Procedure

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Application Procedure

Applicants should submit a full Curriculum Vitae to include the names and contact details of 2 referees (including email addresses), to:

Name: Natasha Halpin

Email Address recruit.sociology.sssp@tcd.ie

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