

Job Title:	Post Doctoral Research Assistant (FRAME)
Ref:	701
Location/Building:	Talbot House - Talbot Campus
Faculty:	Faculty of Media, Science and Technology
School:	Computing and Engineering
Duration if Temporary:	33 months
Normal Hours per Week:	37 hours
(Some flexibility will be required in order to ensure that key time scales and deadlines are met).	
Grade:	6
Accountable to:	Prof Hamid Bouchachia

Job Purpose

To undertake directed research activity as part of an EU project called **FRAME (A Model-Based Foundry for Engineering, Adapting, and Assuring the Quality of AI Agents)** under the direction of [Prof Hamid Bouchachia](#). The project will deliver the engineering abstractions, methods and tools needed to support reliable, scalable end-to-end development, deployment and evolution of AI agents. By establishing foundations for trustworthy agent engineering, FRAME will enable productivity, adaptability, self-improvement, reliability and foster large-scale adoption. FRAME's will be validated on real-world use cases (robotics, healthcare and software development frameworks).

The role of the Post Doctoral Research Assistant is to contribute to its delivery planning, designing and conducting research to produce published outputs

Main Responsibilities

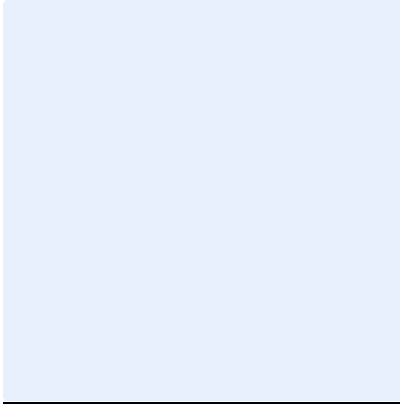
1. Plan, design, conduct research, and report the work in the form of publication and official reports.
2. Deliver research objectives of proposed work within the timeframes of the project and ensuring the achievement of project outcomes.
3. Maintain accurate, complete, and timely data and records in accordance with the project's data management protocols.
4. Present findings at national/international conferences and other dissemination and knowledge exchange activities, including public engagement.
5. Be a point of contact for the project, liaise with colleagues from project partners as required, participate in the consortium meetings and report progress.

6. Undertake personal and professional development activities in line with agreed appraisal and development programme to enhance personal knowledge and contribution to relevant activities.

7. Contribute to the delivery of education activities in interested and when time allows.

Organisation Chart

PhD à Prof Hamid Bouchachia



Dimensions

The work to be undertaken is part of the EU project **FRAME** with the vision to contribute to the development of adaptive agentic systems.

Besides the scientific work, the candidate should be able to assist to some extent in the delivery of FRAME in terms of attending meetings and reporting on progress.

Contacts:

Internal: Prof Hamid Bouchachia

External: FRAME' Consortium partners

Information Governance Responsibilities

Data User

- i. Comply with the associated data protection, information security, information management and information technology regulations, policies, processes and procedures.

Safeguarding and Regulated Activity

If the role involves engaging in regulated activity relevant to vulnerable groups including children and disabled adults, it is an offence to apply for and perform the role, if a person is barred from engaging in regulated activity. Further information is available in BU's Safeguarding Policy and Suitability Statement on the Recruitment and Employment of Ex-offenders.

Additional Information

The purpose of the job description is to indicate the general level of responsibility and location of the position. The duties may vary from time to time without changing their general character or level of responsibility.

BU is an equal opportunities employer which values a diverse workforce. The post holder must at all times carry out their responsibilities with due regard to the University's Dignity, Diversity and Equality Policy Statement.

Our highly skilled and creative workforce is comprised of individuals drawn from a broad cross section of the globe, and who reflect a variety of backgrounds, talents, perspectives and experiences to build our global learning community. Through fused activity, the post holder must have an understanding of and commitment to promoting a global outlook.

All employees have an obligation to be aware of the University's Sustainability Policy, Climate and Ecological Crisis Action Plan, Travel Plan and associated documents, and to ensure that they carry out their day-to-day activities in an environmentally responsible manner and inspire students to do the same.

April 2026



Person Specification

Position / Job Title: Post Doctoral Research Assistant	Faculty: Faculty of Media, Science & Technology
Position No: TBC	Date: April 2026
SELECTION CRITERIA	Essential / Desirable
Knowledge (including experience & qualifications)	
Expertise in Machine Learning/Continual Learning, LLMs, Agentic Systems	E
Graduated in computer science, applied mathematics, probabilities, statistics, or engineering	E
Experience of using ML libraries and programming languages (such as Python)	E
Understanding of ML/AI workflow, development tools, and AI ecosystems	E
Understanding of multi-modal large models, fine-tuning, domain adaptation, self-adaptive learning systems	E
Skills	
Ability to work independently	E
Ability to work to deadlines	E
Excellent communication skills	E
Strong administrative skills	D
Strong writing abilities	E
Effective team working skills	E
Attributes	
Analytical	E
Collegiate	E
Commitment to high quality research	E
Initiative	E
High level of attention to detail	E
Motivated to succeed	E