We are looking for a researcher to join the AIMAS project!

Artificial Intelligence, optimisation and smart manufacturing for a more autonomous, efficient and resilient industry

AIMAS
AI MULTI-AGENT SYSTEM FOR AUTONOMOUS DECISION-MAKING IN THE MANUFACTURING INDUSTRY

Intelligence for a more competitive industry

What is AIMAS?

AIMAS will develop an ecosystem of intelligent agents that collaborate with each other to support autonomous, real-time decision-making in the manufacturing industry, improving production planning, operations scheduling, capacity management, quality and disruption response.

"From data to autonomous decision-making in industry

Project duration
3 years
(2026 – 2029)



Your work will contribute to:

- Designing, developing and integrating AI-based multi-agent algorithms.
- Modelling and optimising production and supply chain processes.
- Programming and validating software prototypes.
- Working with industrial data, testing and benchmarking.
- Participating in industrial pilots with manufacturing SMEs.
- Publishing research results in international journals and conferences.

Research with real-world impact on industry

About UPV

The Universitat Politècnica de València (UPV) is a public, dynamic and innovative university with a strong commitment to high-quality research and teaching. It offers a stimulating academic environment, specialised resources and opportunities for international collaboration.

Who are we looking for?

We are looking for a motivated candidate interested in developing a research career within the AIMAS project, with the ability to work in a team, take initiative and pursue scientific research.

Why join us?

- Be part of a strategic research project with industrial impact.
- Work in a collaborative and multidisciplinary environment.
- Opportunities for scientific and professional development.
- Participation in international publications.
- Contribute to a more sustainable, digital and competitive industry.

Requirements

- **Bachelor's degree in Industrial Organisation Engineering** or a related field.
- Master's degree in Production Engineering, Logistics and Supply Chain Management, Industrial Organisation Engineering, or a related field.
- Research methodology and scientific writing skills.
- Knowledge of digital tools and programming (e.g. Python).
- Ability to work in an interdisciplinary team and good communication skills.
- English proficiency for reading scientific literature and contributing to international publications.

Work location

UPV – Alcoy Campus (Alcoy)

Availability to work on-site at the Alcoy Campus is essential.

Send your application
bandres@cigip.upv.es

Application deadline
15 September 2026

The position is linked to research training and the development of scientific and technological activities within the project.

UNIVERSITAT POLITÈCNICA DE VALÈNCIA
Alcoy Campus

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Talent today, industry tomorrow

#AIMAS #ResearchPosition #ArtificialIntelligence #MultiAgentSystems #SmartManufacturing #UPVAlcoy