

# Postdoc on Spike based vision platform for high-speed low power robotics

## What we are looking for:

We are seeking innovative research proposals that explore Spiking Neural Networks (SNNs) as a viable and promising alternative to conventional AI systems.

## About the job

🌟 **Postdoctoral Opportunity in AI at the Institute of Artificial Intelligence in Barcelona and Seville Institute of Microelectronics (Seville), Spain!**

Ready to make a real impact through Artificial Intelligence in sustainable and smart high-speed robotic systems?

Discover **ALLIES**—an exclusive postdoctoral program designed for ambitious AI researchers to develop their careers while addressing global sustainability challenges.

**Whether you're looking to return to Spain or embark on a new research journey**, this is your chance to thrive in an international, interdisciplinary research community!

Why Join ALLIES?

🔬 **Innovative Research:** Conduct your cutting-edge AI research focused on explore Spiking Neural Networks (SNNs) as a viable and promising alternative to conventional AI systems in high-speed robotics perception and control

- 🌍 **Impact:** For AI postdoctoral researchers in fundamental AI and in AI for science to contribute to Innovative solutions or prototypes employing SNNs in practical AI applications.

📚 **Tailored Career Support:** Personalized training programs designed to help you achieve your scientific career aspirations.

🤝 **International Collaboration:** Be part of a diverse network of researchers across Spain, with opportunities to connect and collaborate with the industry.

Position Details

- 📍 **Locations:** Institute of Artificial Intelligence (Bellaterra-Barcelona) and Seville Institute of Microelectronics (Seville)

- 📅 **Contract Duration:** 2 years

- 💰 **Salary:** Gross salary of **€41,213.44 per year**

- 📅 **Application Opens: December 1st, 2025**

How to Apply

🔗 Submit your application through the official recruitment platform by **December, 2025**:  
<https://aihub.csic.es/en/allies-cofund-how-to-apply/>

- 📅 **Contract starts: March/April, 2026**

💖 Need help? The ALLIES support team is happy to assist at [alliescofund@csic.es](mailto:alliescofund@csic.es)

Eligibility Criteria

1. **Doctoral Degree:** Candidates must hold a Ph.D. in an area related to Artificial Intelligence, Robotics Perception and Control and/or Hardware Implementations by the application deadline. Researchers who have defended their thesis but have not yet received the formal degree are also eligible.

2. **Mobility Rule:** Applicants must not have resided or conducted their main activities in Spain for more than 12 months within the last 3 years prior to the deadline.

Find the full eligibility criteria and program guidelines here:

<https://aihub.csic.es/wp-content/uploads/2024/09/GuideforApplicantsALLIES2ndCall-13sept.pdf>

<https://aihub.csic.es/en/allies-cofund-faqs/>

About ALLIES

**ALLIES (Artificial intelligence In sustainable dEvelopment goals)** is a postdoctoral training initiative led by the CSIC and co-funded by the European Commission. Our mission is to foster interdisciplinary research at the intersection of **AI** and **Sustainability**, aligning research efforts with the United Nations' **Sustainable Development Goals (SDGs)**.

Don't miss this unique chance to be part of an inspiring research community dedicated to solving global challenges! 🌍💡

Ready to Shape the Future with AI? 🚀

Apply now and join us in making a difference!

Interested candidates please contact: [teresa.serrano@csic.es](mailto:teresa.serrano@csic.es)

For additional information.