



Sorbonne Center of Artificial Intelligence Announces Post Doc Position in Artificial Intelligence and Radars



In the context of **THALES INDUSTRIAL CHAIR of EXCELLENCE**, the Sorbonne Center of AI (SCAI) , Abu Dhabi, UAE, in collaboration with Thales, France, and Sorbonne University, Paris, France, announces the opening of a Post Doc position in the field of **Artificial Intelligence for cognitive Radars**.

The Post Doc research includes the following topics: Multiagent Intelligent Systems, Machine Learning , Drones Tracking and Detection via Radars and auxiliary sensors.

The details of the position are as follows:

Position: Post Doc (Ph.D. holder)

Duration: 1 year renewable.

Starting date: 1st of February 2024

Workplace: Sorbonne Center of Artificial Intelligence (SCAI) -Sorbonne University Abu Dhabi (SUAD) - UAE

Context: Thales/SCAI Chair of Excellence

Duties and Responsibilities:

- 1- Assist in supervising PhD students.
- 2- Assist in conducting research projects within Thales areas of interest that are related to investigating the applications of multi-agent systems, machine learning, and AI in drone detection and tracking.
- 3- Assist in supervising internship students.
- 4- Assist in writing proposals and publications.
- 5- Assist in working in projects/ grants that SCAI may acquire either with internal or external parties.
- 6- Conduct any duties or tasks assigned by the PI or the Senior Scientist of the Chair.

Qualifications and Experience:

- 1- A PhD in computer science, engineering, or related field is required.
- 2- Must be specialized in machine learning and multiagent systems. Highly recommended to have knowledge in deep learning, reinforcement learning, and generative models.
- 3- It will be a big plus having knowledge in radars, drones, stochastic systems, and estimation theory.
- 4- Must be a graduate from an internationally recognized University.
- 5- High skills in English language speaking, writing, and reading are a must.
- 6- Must have accepted or published articles in specialized conferences or journals during the PhD.
- 7- Proficiency in AI related programming languages such Python, PyTorch, and TensorFlow

General Notes:

- 1- The Post doc reports to the PI and the senior scientist of the project.
- 2- The duration of the Postdoc position is one year.
- 3- The position is a full-time position, and the venue is at SCAI-SUAD, Abu Dhabi, UAE.
- 4- Administratively, the Postdoc will be a SCAI staff and an employee at SUAD. Any other details regarding the employment will be provided by the HR of SUAD before signing the contract.

Application Process:

Interested candidates should submit the following documents to

Amal.Elfallah@lip6.fr – PI of the chair

raed.zitar@sorbonne.ae– Senior Scientist

- 2- Cover letter outlining research interests and experience.
- 3- Curriculum Vitae (CV).
- 4- Two representative publications (if any).
- 5- Contact information for three references.