



THE INSTITUTE OF INTELLIGENT SYSTEMS AND ROBOTICS*

JOB OFFER

EtherCAT Communications Engineer

Project framework:

The project aims in the medium term to equip a robotic rod developed in the ANR i-Gait project with the Ethercat fieldbus solution.

Mission:

As a prerequisite to this implementation, the recruited person will have the mission to develop a software suite allowing a standard computer with a Linux operating system to communicate with a network of Ethercat modules: analog and digital input/output modules, axis card.

Desired profile:

A young graduate of an engineering school or a Master 2.

Required skills:

- C/C++ programming skills
- Knowledge of robotic systems

Previous experience in the use of Ethercat communication is a plus that will be appreciated.

- **Duration of the contract:** 6 months
- **Expected date of employment:** September 2021
- **Location of the activity:** In the ISIR laboratory (Institute of Intelligent Systems and Robotics), on the Pierre and Marie Curie Campus of Sorbonne University, in Paris.
- **Contact:** Send a CV including the names of two referees to Wael BACHTA at the following address: wael.bachta@sorbonne-universite.fr

**The Institute of Intelligent Systems and Robotics (Isir) is a Joint Research Unit (UMR7222) under the supervision of [Sorbonne University](#), [The French National Centre for Scientific Research \(CNRS\)](#) and [Inserm](#) (ERL-U1150). This multidisciplinary research laboratory brings together researchers and teacher-researchers from different disciplines of Engineering and Information Sciences as well as Life Sciences.*