



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
HUMAN RESOURCES AND SECURITY
Directorate HR.AMC - Account Management Centre
Account Management Centre 8 - serving JRC

2020-IPR-E-000-014509

**Training on IoT and Wireless Sensor
Networks**

Position for:

Trainee

Short description of activity:

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>.

The current trainee vacancy is in the Directorate E - Space, Security & Migration, located in Ispra, Italy, in the Safety & Security of Buildings Unit. Among others, the Unit works in the field of application of ICT methods for the security of Public Spaces.

We are looking for a trainee to be integrated within a small team working on innovative technologies for monitoring infrastructures, security and SMART Cities (IoT, wireless sensor networks).

The assignment is focused on expanding an IoT system for sensor monitoring of the urban environment to improve aspects of the security of public spaces. The trainee will support the work on development and setup of wireless nodes, their integration in a SMART City Platform and the development of custom solutions.

Essential qualifications:

The candidate must hold a recent University degree in electronics, computer science or communication engineering.

	<p>The candidate will have good communication skills, verbal and written, and a good command of English (level B2).</p> <p><u>Advantages</u></p> <p>The ideal candidate shall be a good team player, and the following will be considered advantages:</p> <ul style="list-style-type: none"> • Knowledge of electronic prototyping • Signal Processing • Computer Programming • Knowledge and hands-on experience in Wireless Sensor Networks <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Directorate Unit	<p>Space, Security & Migration Safety & Security of Buildings</p> <p>Further information: https://ec.europa.eu/jrc/en</p>
Indicative duration	5 months
Preferred starting date	as soon as possible
JRC Site	Ispra
Country	Italy
JRC contact details	<p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>