Job Offers at IMSE-CNM

We are seeking highly motivated young researchers to join our Research Team and take part in National and European research projects.

We are seeking two different profiles:

Profile 1 (supervised by Prof. Francisco Fernández and Dr. Rafael Castro)

- Anticounterfeiting solutions to prevent chip recycling using aging sensors and machine learning techniques.
- Physical Unclonable Functions for hardware security using disruptive approaches based on time-dependent variability phenomena.

Profile 2 (supervised by Dr. Rafael Castro and Dr. Elisenda Roca)

- Artificial Intelligence and Machine Learning techniques for analogue and RF Electronic Design Automation.
- Open-source EDA for analogue and RF circuit design.

Requirements:
- **Profile 1**: Bachelor's degree in Physics, Telecommunication Eng., Electronics Eng. or similar.
- **Profile 2**: Bachelor's degree in Computer Science, Physics, Telecommunication Eng., Electronics Eng. or similar.
- **All profiles:** Strong written and verbal English communication skills.

Preferred Qualifications (not mandatory, but highly valued in the final selection):

- Master in Microelectronics, Computer Sciences or related fields with the above profile descriptions.
- Knowledge of programming languages like Python, C/C++, or MATLAB.
- Ability to learn quickly, good teamwork skills and a strong motivation for scientific work.

Conditions of the Job Offer:

- The successful candidates will work at the **Instituto de Microelectrónica de Sevilla** (IMSE-CNM), a joint institute of the **Consejo Superior de Investigaciones Científicas** and the **University of Seville**.
- Depending on candidate experience, background, and proficiency level, **salary can range from 24k€ up to 36k€**, gross annual.
- All positions offer the possibility for candidates interested in pursuing a Ph.D. program or continuing their professional as postdoctoral researcher.

Registration Procedure:

- To apply to any of these job offers, please **send a detailed CV** (**before September 15, 2025**) to: **Rafael Castro** (rafael.castro@csic.es)