

## Researcher Job at Seville Institute of Microelectronics (IMSE-CNM) Spain

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- **Research line:** Microelectronics for Security ([http://www.imse-cnm.csic.es/en/lines/tic180\\_sec.php](http://www.imse-cnm.csic.es/en/lines/tic180_sec.php)).
- **Period:** 2 years (gross salary of 26.000 euros/year), with possibility of extension to obtain a Ph.D. degree at University of Seville (under I+D+i Projects).
- **Key words:** Hardware security, hardware for cryptography, biometrics and crypto-biometrics; physical unclonable functions (PUFs); FPGAs and trusted integrated circuits; authentication and secure communications.
- **Objectives:** Design of hardware solutions to manage people and things identities with trust, security, and privacy in IoT ecosystem. Hardware Based Security for Blockchain Technologies. Hardware solutions to solve cryptographic challenges in wearable devices. Technology transfer and research publications.
- **Profile:** University degree in the area of Electronics, Telecommunications, Robotics Engineering, Computer Science or similar. Strong interest in security from a hardware point of view. Programming skills (Matlab-Simulink and CAD tools for digital design). Good knowledge of mathematics (cryptography) and signal processing (biometrics). High-level in English.

**If interested, please submit your application (CV and motivations) to :**

**[lumi@imse-cnm.csic.es](mailto:lumi@imse-cnm.csic.es) (Dr. Iluminada Baturone) and [arjona@imse-cnm.csic.es](mailto:arjona@imse-cnm.csic.es) (Dr. Rosario Arjona)**

