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

- **Research line:** Hardware-based Trust and Security

- **Projects:** CrytoHardWear (Hardware solutions to face the new cryptographic challenges of wearable devices)

  HardWallet (Trusted hardware with post-quantum security for decentralized identity wallets that use distinctive features of people and devices)

- **Period:** 1 year, with possibility of extension to obtain a Ph.D. degree at University of Seville (under I+D+i Projects). To start on February 2022.

- **Key words:** Hardware security; hardware for cryptography; post-quantum cryptography; biometrics and crypto-biometrics; physical unclonable functions (PUFs); FPGAs; IoT, wearable, and mobile devices.

- **Objectives:** Design of hardware solutions to manage people and things identities with trust, security, and privacy. Hardware-based security for blockchain technologies. Hardware solutions to solve cryptographic challenges. Technology transfer and research publications.

- **Profile:** University degree in the area of Electronics, Telecommunications, Physics, Computer Science or similar. Strong interest in security from a hardware point of view. Programming skills. Good knowledge of mathematics (for cryptography) and signal and image processing (for biometrics). High-level in English.

  If interested, please submit your application (CV and motivations) to :
  lumi@imse-cnm.csic.es (Dr. Iluminada Baturone) and arjona@imse-cnm.csic.es (Dr. Rosario Arjona)