

Barcelona Digital is a technology center that promotes R & D in the Information and Communication Technologies (ICT), by supporting new applications of these technologies in diverse sectors including health, mobility and security, with a particular interest in promoting the transfer of technology.

The center participates in multidisciplinary cooperative projects, working closely with other technology centers, enterprises, universities and research centers.

Barcelona Digital is currently looking for a senior Researcher **for R & D projects in Mobility**. If you are interested, please send your CV to [rrhh@bdigital.org](mailto:rrhh@bdigital.org) specifying the Reference: SR. MOBILITY

## Profile

### - Education

- Bachelor of Engineering in Telecommunications, Electronics, Industrial or Computer Science, Bachelor's Degree in Physical Sciences or similar
- PhD, desirable
- Background of publications and/or patents

### - Experience

- R & D developments in any of the following areas:
  - Intelligent sensors (materials, transducers, RFID, etc.)
  - Advanced control and/or home automation systems
  - Communication networks
  - Ubiquitous computing
  - Communication protocols
- Know-how and experience in any of the following disciplines or areas of activity, among others:
  - Advanced telecommunications systems, including network infrastructure and advanced wireless systems
- Development of engineering and /or ICT applications for any of the following areas:
  - Home automation or intelligent home
  - Thermal and photovoltaic systems
  - Efficient air conditioning systems
- Regulatory aspects such as: legislation and the Edification Technical Code, Directive 2002/91/EC or other applicable standards

### - Skills

- Systemic approach to R & D activities
- Technical management of research and development teams
- Implementation of specialized laboratories
- Sensitivity to sociological and ethical aspects in the research to be conducted