

## **Research Engineer Job Offer in Cooperative Vehicular Communications**

The Ubiquitous Wireless Communications Research (Uwicore, [www.uwicore.umh.es](http://www.uwicore.umh.es)) laboratory is part of the Signal Theory and Communications Division of the University Miguel Hernandez of Elche in Spain ([www.umh.es](http://www.umh.es)). Uwicore is currently working in cooperative wireless vehicular communications, beyond 3G mobile and wireless systems, and wireless broadband communications systems.

As part of its current research activities, Uwicore is working in a European FP7-funded research project with major European companies and research centers working on the development of cooperative wireless vehicular communication systems, including Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communications, to improve traffic efficiency. Within this project, Uwicore is looking to hire a Research Engineer that will conduct research on the development of wireless vehicular communications technologies, in particular addressing the role, impact and technical exploitation of V2I communications capabilities.

The current job offer targets MsC/MEng Engineers (i.e. 5 years graduate degree) in Telecommunications, Electronics or Computer Science Engineering with a strong knowledge of mobile and wireless communication systems. Experience in research projects will be appreciated. Candidates without working experience but with a good studies performance record and interested in research are also very welcome. The present job offer does not target technical engineers with 3 years degrees, or candidates that have been working over the past years in commercial or technical-commercial activities.

### ***Required expertise***

- Knowledge of mobile/wireless communication technologies.
- Strong programming capabilities (mainly in C/C++, and Matlab). Experience in mobile/wireless communications simulation is required, in particular experience with the software platforms ns2 or ns3.
- Good English level (working language).
- Team working, writing and communications skills, and availability to travel.

***Starting date:*** as soon as possible (expected first half of may), with contract duration until end of December 2010.

***Contact information:*** email as soon as possible your CV and degree record (in English or Spanish) together with a letter of interest to Dr. Javier Gozalvez ([j.gozalvez@umh.es](mailto:j.gozalvez@umh.es)). Candidates that do not provide the required information will not be considered for the post.