



## ***Research positions***



## **COMONSENS Project**

### **Project goal**

The GTAS research team invites applications for graduate students to conduct research and execute the demonstration activities of the COMONSENS project. Also, applications from outstanding candidates for postdoctoral research positions will be considered.

The successful candidates will join the GTAS research group (<http://www.gtas.dicom.unican.es/en>) at the University of Cantabria (<http://www.unican.es/webuc/internet/>), which is located in Santander, Spain. The GTAS is involved in different tasks of the COMONSENS project ranging from theoretical developments to practical implementation of testbeds. Specifically, the work to be conducted includes one or more of the following broad areas:

- Study of cross-disciplinary tools for multiterminal future communications networks (of particular interest are machine learning algorithms and multivariate statistical techniques).
- Development and implementation of algorithms for multiple antenna transceivers.
- Construction and demonstration of a cooperative wireless MIMO testbed.

### **Job offer**

- The starting date is during fall or winter 2009. Preferably, September 2009.
- The duration of the position is 12 months and will be renewable on a annual basis, up to a maximum of 4 years.
- The salary will be negotiated according to the background and experience of the candidate.

### **The Applicant**

- Applicants at the graduate level must have received Master degree on Electrical Engineering or equivalent) with a good background on communications and signal processing.
- Applications must contain information about education, background and previous experience.

- Postdoctoral candidates must include a list of publications and a short research statement related to the research lines of COMONSENS.

### **Contact and applications**

Applications and inquiries have to be sent to:

Prof. Ignacio Santamaría ([nacho@gtas.dicom.unican.es](mailto:nacho@gtas.dicom.unican.es))  
Laboratorios I+D Telecomunicaciones  
Departamento de Ingeniería de Comunicaciones  
Universidad de Cantabria,  
Plaza de la Ciencia s/n, 39005 Santander, SPAIN