



The **Centre Tecnològic de Telecomunicacions de Catalunya** is an advanced research center established in Barcelona (Spain) which is devoted to basic and applied R&D related to the physical and lower layers of communications systems. At present time, the CTTC is interested in filling the following *Research Associate* positions in communication technologies:

RESEARCH ASSOCIATE POSITIONS:

- Engineering Unit (Ref. 03/2008-01, 1 position): PhD in embedded systems design and familiarity with signal processing for communication systems focusing on or more of the following areas: multi-carrier systems, baseband signal processing in FPGAs and Software Defined Radio. Expertise in other fields of embedded systems such as safety-critical computing, dependable real-time systems and microprocessor's self-testing techniques are welcome.

Additional valued merits are: design and verification of electronic hardware, DSP and microcontroller firmware programming in C, FPGA programming in VHDL language.

QUALIFICATIONS AND EXPERIENCE

Applicants for Research Associate positions must hold a Ph.D. degree in electrical/electronic engineering (preferred), telecommunications, computer science, or related fields, capacity of carrying out innovative research, as well as experience in research and publication record (in journals and conferences). Work experience in international and national R&D projects carried out in the context of R&D institutions is highly appreciated.

CONDITIONS

The position is permanent. The rank and salary, in the range 34,000 – 37,000 €/year (gross), will be determined according to qualifications and work experience.

Please, submit applications electronically including a **resume, academic ratings, list of publications** and the names and contact information of **three referees**, to:

<http://www.cttc.es/en/application-form.jsp>

The applications will be evaluated in batches, every 3-4 months until the position(s) will be filled.