



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 *Engineering* positions in communication technologies:

ENGINEERING POSITIONS:

We are looking for (1) **skilled engineers with previous work experience** and, (2) **graduate engineers** with a solid academic record and willingness to develop a career in those areas.

- **Networking software engineer (Ref. 03/2011-01, 1 position):** The candidate must possess a strong background knowledge in the field of networking, in particular of the Internet protocol stack and of the inner working of the most important protocols. The candidate must be experienced in software development, especially in the use of the C and C++ languages, in network programming (e.g., use of sockets and implementation/modification of networking protocols), and in the use of scripting languages (e.g., bash, perl). The candidate must also be familiar with the system administration of GNU/Linux operating systems and the use of GNU/Linux software development tools (build systems, debugging tools, version control systems, etc.).

In addition, it will be considered a plus if the candidate possesses knowledge on one or more of the following: 3G systems (especially the Core Network), the SIP protocol, Radius/Diameter, the IP Multimedia Subsystem (IMS), the fundamentals of wireless systems, and other programming languages (e.g., Java, Python). Fluency in English is required.

QUALIFICATIONS AND EXPERIENCE

Applicants must hold an **MSc/Engineering degree** in telecommunications, electronics, computer science or related fields, capacity of carrying out innovative research independently. Experience in R&D or industrial projects carried out in the context of research institutions and centres is a plus.

CONDITIONS

This is a temporary contract, with an initial duration of 12 months. Profiles with different levels of work experience are sought. The rank and gross salary, in the range 22,000–25,000 €/year (graduate engineers) and 27,000–30,000 €/year (skilled engineers), will be determined according to qualifications and work experience.

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

<http://www.cttc.es/en/job/110822-call-3-2011-01/job-application-form.jsp>

Applications will be evaluated as they are received. Hence, early submission is encouraged.

CTTC is an equal opportunity employer. Applications from physically-challenged candidates will be specifically taken into account.