

## **Call 2/2010-2 - Research Associate – IP Technologies (1 Position)**

PhD in telecommunications, electrical engineering, computer science, or related fields, with experience in cognitive wireless networking, cross-layer optimization, and techniques such as Artificial Intelligence and/or Game Theory applied to the optimization of the operation of heterogeneous wireless networks.

**IP Technologies (Ref. 2/2010-2, 1 position):** The candidate must have experience in these fields: cognitive wireless networking, cross-layer optimization, and techniques coming from fields such as Artificial Intelligence and/or Game Theory applied to the optimization of the operation of heterogeneous wireless networks (with particular emphasis on CSMA/CA-based systems). Applicants should also have a solid background in network simulation (of particular interest are NS-2 and NS-3). Having participated in networking prototype development is also appreciated. Other valued merits are: experience in network support to multimedia content, knowledge in network coding, advanced knowledge of open source operating systems, particularly Linux (mainly network and system administration, and kernel and driver development), and Advanced knowledge of C/C++ programming. Authorship of patents is also appreciated.

## **QUALIFICATIONS AND EXPERIENCE**

Applicants for Research Associate positions must hold a Ph.D. degree in telecommunications, electrical engineering, computer science, or related fields, capacity of carrying out innovative research and strong publication record. Work experience in R&D institutions and involvement in national and/or international research projects (with emphasis on work funded by Industry and the European Commission) 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.

Applications from physically challenged candidates will be specifically taken into account.

Please, submit applications electronically to:

<http://www.cttc.cat/en/open/1/jobs/1/job/100517-call-2-2010-2.jsp>