



The **Centre Tecnològic de Telecomunicacions de Catalunya** is an advanced research center established in Barcelona (Spain) which is devoted to fundamental 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* position in communication technologies:

RESEARCH ASSOCIATE POSITIONS:

Optical Networking (Ref. 6/2009-1, 1 position): The candidate must hold a PhD degree in Telecommunications or Electrical Engineering, with emphasis in optical signal processing for optical communication systems. Applicants should have research experience in all-optical signal processing, multiplexing and coding techniques for transparent optical networks. Specialization area of interest is optical OFDM, in particular for the design and modeling of novel flexible and cost-effective transmission schemes for high-speed optical networks.

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 as well as experience in research and publication record. 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/open/1/jobs/1.jsp>