

Postdoc recruitment

Status: 24 month contract (renewable for up to 4 years)
Dept/Faculty: CTVR: The Telecommunications Research Centre
Application closing date: 30th March 2012
Salary: €33,975 - €42,394 (commensurate with experience)
Expected start date: May 2012 (or later by arrangement)

Post summary

CTVR (www.ctvr.ie) is Ireland's largest telecommunications research centre. The Centre carries out industry-informed research focusing on wireless and optical networks of the future with a strong emphasis on the technologies that will underpin these networks. This position, under the direction of Prof. David Payne and Dr. Marco Ruffini, is funded by Science Foundation Ireland (SFI).

Details

A post-doctoral researcher position in **evolution towards next-generation optical networks** is available at CTVR – The Telecommunications Research Centre, at Trinity College Dublin. Positions are funded by the Science Foundation Ireland. The 24-month contract for the position will be renewable for up to four years

The candidate must have a Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or a related field, with a track record of research in optical communications and networks. Desirable qualifications include:

- Strong analytical skills in physical design of optical access and/or long-haul networks
- Familiarity with combinatorial optimization methods is desirable but not strictly required.
- Basic knowledge of layer-2 and 3 protocols.
- Established track record of publication in leading journals and/or conferences, on topics such as optical system design, optical access networks and/or optical core networks;
- Solid written and oral communications skills;
- The ability to work well in a group, and the ability to mentor junior researchers, such as Ph.D. students.

Interested applicants should send a CV to Dr. Marco Ruffini (marco.ruffini@tcd.ie) including contact information for at least two professional references.

Trinity College is the leading university in Ireland. CTVR is Ireland's largest telecommunications research centre. We carry out industry-informed research in the telecommunications field. We focus on optical and wireless networks of the future with a strong emphasis on the technologies that will underpin these networks. We pride ourselves in carrying out research that is of the highest quality and that has international impact. We also pride ourselves in being an inclusive, diverse, creative, and friendly place to work.