

Postdoc Researcher

Status: 12 month contract
Department/Faculty: CONNECT, Electronic and Electrical Engineering, Trinity College, University of Dublin, Ireland.
Research Group: Sigmedia (www.sigmedia.tv)
Closing date: 18 September 2015
Starting salary: €33,975-€41,181 depending on experience
Expected start date: 1st October 2015

Post summary

CONNECT is a new SFI Research Centre. It is co-funded by the Irish government, through SFI, and by industry. The centre focuses on future networks and communications – including fixed and wireless networks and the Internet-of-Things. CONNECT places special emphasis on the use of national testbeds to differentiate our work. CONNECT builds on the work of CTVR (www.ctvr.ie) which is now under its umbrella.

The position will be based in TCD, under the direction of Dr Andrew Hines (TCD/DIT) and Dr Naomi Harte (TCD).

Details

Qualifications and Experience:

- ✓ A Ph.D. in Electrical Engineering, Computer Engineering, Computer Science.
- ✓ Experience designing and implementing audio or speech signal processing algorithms
- ✓ An established track record of publication in leading journals and/or conferences
- ✓ Solid written and oral communications skills
- ✓ Strong programming skills and experience developing tools in C++, MATLAB

This project will develop an adaptation of an existing speech quality metric for wideband audio. Different compression algorithms have different effects depending on the audio content. This project will develop a metric that will measure the perceptual distortion of wideband audio after compression using industrially useful codecs.

Trinity College is the leading university in Ireland. CONNECT is Ireland's future networks and communication research centre. 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.

Those interested in more information should contact Dr Andrew Hines, email address: andrew.hines@tcd.ie.

Interested applicants should send a CV and cover letter to HR@CONNECTCENTRE.ie, including contact information for at least two professional references.

CONNECT is funded under the SFI Research Centres Programme and is co-funded under the European Regional Development Fund.

