



The  
University  
Of  
Sheffield.

Department  
Of  
Computer  
Science.

**Job Title:**

Research Associate in Integrated Multitask Neural Speech Labelling

**For further information and the link to apply please visit:**

<https://www.jobs.ac.uk/job/CXH168/research-associate-in-integrated-multitask-neural-speech-labelling>

**Deadline for Applications:**

15th March 2023

We are seeking an outstanding Research Associate in Integrated Multitask Neural Speech Labelling, to join the LivePerson Centre for Speech and Language Technology based at the University of Sheffield, which is linked with the Speech and Hearing (SpandH) research group in the Department of Computer Science.

You are applying to join a world-leading team of researchers in speech and language technology to work on new ways to integrate a variety of speech technology **labelling, clustering or segmentation** tasks into a single algorithm or process, in the context of **deep neural networks**. Even end to end (E2E) automatic speech recognition is typically considered as a standalone process, independent of other speech audio technology tasks such as diarisation, acoustic event detection or intent recognition.

The LivePerson Centre for Speech and Language Technology was established in 2017 with the aim of conducting research into novel methods for speech recognition and general speech processing, including end to end modelling, direct waveform modelling and new approaches to modelling of acoustics and language. It has recently extended its research remit to spoken and written dialogue. The Centre hosts several Research Associates, PhD researchers, graduate and undergraduate project students, Researchers and Engineers from LivePerson, and academic visitors, which will provide a **vibrant work environment** within the University. Being fully connected with SpandH brings collaboration, and access to a wide range of academic research and opportunities for collaboration inside and outside of the University.

The post holder will work closely with Prof. Thomas Hain who is the Director of the LivePerson Centre and also Head of the SpandH group. Prof. Hain also leads the **UKRI Centre for Doctoral Training In Speech and Language Technologies and their Applications** ([slt-cdt.ac.uk](http://slt-cdt.ac.uk)) - a collaboration between the Natural Language Processing (NLP) research group and SpandH. Jointly, NLP and SpandH host more than 110 active researchers in these fields.

We're one of the best not-for-profit organisations to work for in the UK. The University's Total Reward Package includes a competitive salary, a generous Pension Scheme and annual leave entitlement, as well as access to a range of learning and development courses to support your personal and professional development.

We build teams of people from different heritages and lifestyles from across the world, whose talent and contributions complement each other to the greatest effect. We believe diversity in all its forms delivers greater impact through research, teaching and student experience.

To find out what makes the University of Sheffield a remarkable place to work, watch this short film: [www.youtube.com/watch?v=7LbILk18zmo](http://www.youtube.com/watch?v=7LbILk18zmo), and follow @sheffielduni and @ShefUniJobs on Twitter for more information.