

Interdisciplinary Short-Term Fellowships in Speech Research

Edinburgh Speech Science and Technology (EdSST) is an interdisciplinary research training programme that aims to close the gap between speech science and speech technology. It is supported by the Early Stage Research Training (EST) scheme of the EU Marie Curie Programme.

EdSST is a collaboration between two major speech research institutes: the Centre for Speech Technology Research, University of Edinburgh, and the Speech Science Research Centre, Queen Margaret University. It covers six main research areas: articulatory phonetic instrumentation and modelling; speech synthesis; speech recognition; human-computer dialogue systems; inclusive design for speech technology; augmentative and alternative communication

Two **Short-Term Fellowships in quantitative analysis and modelling of articulatory data** are available. These Short-Term Fellowships, with a typical duration of six months, provide an opportunity for outstanding early stage graduate researchers and PhD candidates to conduct a well-defined research project at CSTR and SSRC. The research project should be interdisciplinary; outcomes should be of interest to both the speech science and the speech technology communities.

Within EdSST, expertise and facilities in *articulatory instrumentation and modelling* includes electromagnetic articulography (EMA), electropalatography (EPG), ultrasound, motion capture, and facial analysis. *Speech technology* expertise includes speech synthesis, speech recognition and machine learning.

Applicants should have a first or upper second class honours degree or a Masters in Informatics, Phonetics, Speech Science, Linguistics, or Speech and Language Therapy and fulfil the Marie Curie EST selection criteria (http://europa.eu.int/comm/research/fp6/mariecurie-actions/pdf/faq_est.pdf).

Please contact the Project Manager, Maria Wolters (mwolters@inf.ed.ac.uk), before applying.

Further information:

Project website: <http://www.cstr.ed.ac.uk/edsst>

Contact: Dr Maria Wolters, Project Manager (mwolters@inf.ed.ac.uk)