

# Summary of Linkage Infrastructure, Equipment and Facilities Proposals by State and Organisation

## New South Wales

### University of Western Sydney

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**Approved Project Title** **The Big Australian Speech Corpus: An audio-visual speech corpus of Australian English**

2010 \$650,000.00

Primary FoR 2004 LINGUISTICS

#### **Partner/Collaborating Organisation(s)**

Australasian Speech Science and Technology Association, Max Planck Institute for Psycholinguistics Macquarie University, The Australian National University, The Flinders University of South Australia, The University of Melbourne, The University of New South Wales, The University of Queensland, The University of Sydney, The University of Western Australia, University of Canberra, University of Tasmania

**Administering Organisation** University of Western Sydney

#### **Project Summary**

Contemporary speech science and technology are driven by the availability of large speech corpora. While audio databases exist for languages spoken in America, Europe and Japan, there is currently no large auditory-visual database of spoken language, and certainly not one for Australian English. Here we will establish the Big Australian Speech Corpus, which will support a speech science research and development using Australian English and facilitate the development of Australian speech technology applications from automatic speech recognition and text-to-speech synthesis used in taxi and other ordering services, to hearing prostheses and talking head aids for learning-impaired children, and a range of security and forensic applications.