

Publications of J Bruce Millar (1968-2004)

[updated 24 August 2004]

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THESES SUPERVISED - code [T..]

(in approximate order of commencement, but with date of completion noted)
(*Bold Type indicates "prime" or "sole" supervisor*)

- [T1] **Wagner,M.** (1979) ANU PhD entitled "Speaker Characteristics in Continuous Speech"
[T2] O'Kane,M.J. (1981) ANU PhD entitled "Acoustic-phonetic processing for continuous speech recognition"
[T3] **Oasa,H.** (1994) ANU PhD entitled "Vowel Normalisation: An interface between acoustic and linguistic descriptions of speaker characteristics in Australian English"
[T4] Lithgow,B.J. (1983) UoM MESC entitled "A real time formant tracker for the University of Melbourne Department of Otolaryngology Cochlear Implant Project"
[T5] Martin,L.F.A. (1984) UoM MSc entitled "The evaluation of speech processing strategies for patients with an implanted hearing prosthesis for profound or total deafness"
[T6] **Clermont,F.** (1991) ANU PhD entitled "Formant contour models of diphthongs: A study in acoustic phonetics and computer modelling of speech"
[T7] Lai,W.K. (1990) UoM PhD entitled "A place/rate coding strategy for a multi-electrode cochlear implant"
[T8] **Tridgell,A.** (1999) Initial project and supervision, several papers, but completed under Richard Brent with ANU PhD entitled "Efficient algorithms for sorting and synchronising".
[T9] **Hawkins,S.** (1997) ANU PhD entitled "Vocalic structure in speech space: a study of individual differences"
[T10] **Ran,S.** (1994) ANU PhD entitled "Speech knowledge modelling for speech recognition: a study based on distinctive features"
[T11] Jones,P.A. (1994) UoM PhD entitled "The coding of voice-source information within a multichannel cochlear implant"
[T12] **Satriawan,A.** (1999) Topic "Speaker modelling and speaker change detection" (did not submit, exceeded maximum time limit)
[T13] **Zhang,D.** (1994) MSc entitled "Isolated digit recognition using artificial neural networks"
[T14] **Yang,X.** (1998) PhD entitled "Studies in automatic speaker recognition"
[T15] Zhang,X. (1999) PhD entitled "User-specific aspects of pen-based computer input for identity verification"
[T16] **Davies,D.** (2002) PhD entitled "Representing Time in Automated Speech Recognition"
[T17] Kinoshita,Y. (2001) PhD entitled "Issues in Japanese Forensic Speaker Identification"
[T18] Aberdeen,D. (2002) PhD entitled "Policy-Gradient Algorithms for Partially Observable Markov Decision Processes"
[T19] **Goecke,R.** (2004) PhD entitled "A stereo Vision Lip tracking Algorithm and Subsequent Statistical Analysis of the Audio-Video Correlation in Australian English"

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- [U4] Millar,J.B. (1983) *Cochlear Implant Research*, The Melbourne Graduate Vol.34, No.2, pp.10
- [U5] Millar,J.B. (1984b) *Australian Speech Research Directory*, Seventh Edition (previous editions 1972-1981).
- [U6] Beresford-Smith,B., Breckling,J., Millar,B., Schröder,H. (1989) *Search algorithms for isolated word recognition*, Computer Sciences Laboratory, ANU, TR-CS-89-06 (9pp)
- [U7] Millar,J.B. (1991b) *Towards a standard description of spoken language*, In “Proceedings of Workshop on International Cooperation and Standardisation of Speech Databases and Speech I/O Assessment Methods”, Chiavari, Italy, 26-28 September (no page numbers).
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