

Working Papers in Linguistics

No. 45

**PAPERS FROM THE
LINGUISTICS LABORATORY**

*Edited by
Stefanie Jannedy*

February 1995



The Ohio State University
DEPARTMENT OF LINGUISTICS

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The Working Papers in Linguistics is an occasional publication of the Department of Linguistics of the Ohio State University and usually contains articles written by students and faculty of the department. There are generally one to three issues per year. Information about available issues appears below. Numbers 1, 5, 10 and 23 are out of print and no longer available. The table of contents can also be viewed on our WWW (World Wide Web) server:

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Announcement

Some Software that has been developed in the Linguistics Laboratory at OSU is now publically available over the internet. The programs include utility programs that implement various data reduction techniques for the analysis of Electro-palatographic data (Hardcastle, Gibbon & Nicolaidis, 1991), an implementation of Robust Linear Predictive Coding (Lee, 1988), a version of the Klatt formant synthesizer (Klatt & Klatt, 1990) that produces Windows TIFF format (.WAV) files, and an experiment-running program for method of adjustment vowel perception experiments (Johnson, Flemming & Wright, 1993).

To access this software, use FTP to connect to *ling.ohio-state.edu*. Log in with the username *anonymous* and enter your email address as the password. The files are located in sub-directories in the *phonetics* directory. See the *readme* file in the phonetics directory and the *readme* files in the various sub-directories for more information.

- Hardcastle, W.J., Gibbon, F. & Nicolaidis, K. (1991) EPG data reduction methods and their implications for studies of lingual coarticulation. *Journal of Phonetics* **19**: 251-266.
- Johnson, K., Flemming, E., & Wright, R. (1993) The hyperspace effect: Phonetic targets are hyperarticulated. *Language* **69**:505-528.
- Klatt, D.H. & Klatt, L. (1990) Analysis, Synthesis, and perception of voice quality variations among female and male talkers. *J. Acoust. Soc. Am.* **87**: 820-857.
- Lee, C-H. (1988) On robust linear prediction of speech. *IEEE Trans. Acoust., Speech, and Signal Process.* **36**: 642-650.

Keith Johnson

Foreword

This is the fifth issue of the *Papers from the Linguistics Laboratory* (see also OSUWPL No. 36, 38, 43, and 44). This volume contains several studies that take an experimental approach to various topics in languages like Estonian, Korean, Taiwanese, Kipare and Turkish, or discuss theoretical issues in psycholinguistics and acoustics. Some of the papers present work in progress or have been presented at international conferences, while others have been submitted for publication to refereed journals. I would like to thank Keith Johnson and Jennifer Venditti for their help during the compilation of this volume. The production of this volume has been supported by the National Institute on Deafness and other Communication Disorders under Grant No. 7 R29 DC01645-04 and by the Ohio State University Department of Linguistics.

Stefanie Jannedy
February 1995

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