CONTENTS

RUSSIAN INTONATION BY DUTCH STUDENTS*  
C.M.H.A. Deckers  

A JOINT DUTCH RESEARCH PROGRAM FOR DEVELOPING A HIGH-QUALITY TEXT-TO-SPEECH SYNTHESIS SYSTEM*  
L.C.W. Pols  

IMPROVING SYNTHETIC SPEECH QUALITY BY SYSTEMATIC EVALUATION*  
L.C.W. Pols  

THE DEVELOPMENT OF SPEECH COMMUNICATION IN NORMAL AND CLEFT-PALATE BABIES: STATE OF THE ART OF A PROJECT**  
F.J. Koopmans-van Beinum, J.M. van der Stelt, and K. Jansonius-Schultheiss  

SENSITIVE STAGES IN FACE-TO-FACE INTERACTION IN THE FIRST TWO YEARS OF LIFE**  
J.M. van der Stelt  

THE FIRST STEP TO A BETTER UNDERSTANDING OF VOWEL REDUCTION*  
D.R. van Bergem  

LIST OF PUBLICATIONS IN 1987 AND 1988  

* represents the research field entitled "PERCEPTUAL AND PHYSICAL DESCRIPTION OF VARIATION AND INVARIANCE IN SPEECH".  
** represents the research field entitled "SPEECH COMMUNICATION: DEVELOPMENT AND PATHOLOGY".
LIST OF PERSONNEL

Scientific Staff

Prof. dr. ir. L.C.W. Pols
director of the Institute

Ir. P. van Alphen
on AIQ contract
Drs. D.R. van Bergem*
on AIO contract
Dr. R.A.M.G. van Bezooijen*
on SPIN contract
Ir. D.G. Broeder
Drs. L.W. M. Damen
on NWO contract until 1/8/88
Drs. J.S.C. van Dijk
Drs. L.W.A. van Herpt
temporarily until 19/11/88
Ir. B. Horst
on Praeventiefonds contract
Drs. K. Jansonius-Schultheiss*
until 1/10/88
E. O. Kappner
Dr. F.J. Koopmans-van Beinum*
on AIO contract
Drs. C.T.L. Kuipers
on ESPRIT contract
Drs. G.L. Meinsma
on SPIN contract
Drs. N.J.D.M. van Son
partly on Praeventiefonds contract
Drs. R.J.J.H. van Son
on AIO contract
Drs. J.M. van der Stelt*
on Facultary labour-contract
Drs. M.T.J. Tielen*
Drs. D.J.M. Weenink*

Technical and Administrative Staff

M. Blom*
on Praeventiefonds contract until 1/11/88
J. Bossema
on Praeventiefonds contract until 1/11/88
A. Dijkstra*
F.W. Eelzak
D.T. Jaasma
A.W. van Maanen
A.G. Wempe*

* Part-time
1 Facultary position as post-graduate student
2 Dutch Speech Program for Promoting Information Technology Research
3 Netherlands Organization for Scientific Research
4 Netherlands Prevention Fund
5 European Strategic Program for Research and Development of Information Technology
INTRODUCTION

This Proceedings 12 of the Institute of Phonetic Sciences of the University of Amsterdam contains contributions concerning our current research projects. The papers represent two main research fields:

- PERCEPTUAL AND PHYSICAL DESCRIPTION OF VARIATION AND INVARIANCE IN SPEECH (indicated by * in the Content).

- SPEECH COMMUNICATION: DEVELOPMENT AND PATHOLOGY (indicated by ** in the Content).

For your information a list of personnel is included, as well as a list of our publications in 1987 and 1988.

Moreover, our "Institute's Profile" with up-to-date information about our institute and our research activities is available upon request.

All correspondence, including requests to be put on our mailing list, may be sent to:

Institute of Phonetic Sciences
University of Amsterdam
Herengracht 338
1016 CG Amsterdam
The Netherlands
tel.: +31 20 5252183
fax: +31 20 5252197


Editor: F.J. Koopmans-van Beinum
Technical realization: J. Bossema
F.W. Eelzak
D.T. Jaasma