INSTITUTE OF PHONETICS  
JULY 1, 1983 - DECEMBER 31, 1984

I. PERSONNEL OF THE INSTITUTE

PROFESSOR:  
Jørgen Rischel, dr.phil.

ASSOCIATE PROFESSORS:  
Børge Frøkjær-Jensen, cand.mag. (seconded to the Audiologopedic Centre)  
Peter Holtse, cand.phil. (on leave from April 1, 1984)  
Birgit Hutters, cand.mag.  
Niels Reinholt Petersen, cand.phil.  
Nina Grønnnum Thorsen, lic.phil.  
Oluf Thorsen, cand.mag.

RESEARCH FELLOWS:  
Peter Mølbæk Hansen, cand.mag.  
Peter Holtse, cand.phil. (from April 1, 1984)

TEACHING ASSISTANTS:  
Peter Mølbæk Hansen, cand.mag.  
Jørn Westengaard Holm, cand.mag.

ENGINEERS:  
Otto Bertelsen, M.Sc.  
Preben Dømier, B.Sc.

TECHNICIAN:  
Svend-Erik Lystlund

SECRETARY:  
Else Parkmann

GUEST RESEARCHERS:  
Eli Fischer-Jørgensen, dr.phil.h.c.  
Kiros Fre Woldu, Uppsala University (January - July 1984)  
Elizabeth Uldall, Ph.d. (spring 1984)

II. PUBLICATIONS BY STAFF MEMBERS AND GUESTS


Jørgen Rischel: "On unit accentuation in Danish - and the distinction between deep and surface phonology", Folia Linguistica XVII, 1983, p. 51-97


Jørgen Rischel: "Om den fonematiske og morfofonematiske funksjonen til dei såkalla ordtonane i norsk" & "Morphemic tone and word tone in Eastern Norwegian", both reprinted (the former in translation by Katrin Lunde) in Prosodi/Prosody, ed. Jahr & Lorentz, 1983, p. 256-265 & 266-276


Nina Thorsen: "F0 timing in Danish word perception", Phonetica 41, 1984, p. 17-30

Nina Thorsen: "Variability and invariance in Danish stress group patterns", Phonetica 41, 1984, p. 88-102


III. GUEST LECTURES AND SEMINARS

September 21, 1983 - Dr. Sidney Wood, Lund University: "Vowel production".

October 5, 1983 - Professor John Clark (Macquarie University): "The problem of perceptual equivalence in synthesized speech".

November 30, 1983 - Dr. Robert Bannert (Lund University): "En model för tysk intonation" ("A model of German intonation").

December 7, 1983 - Dr. Gösta Bruce (Lund University): "Den svenska rytmens fonologi och fonetik" ("Phonology and phonetics of rhythm in Swedish").

January 18, 1984 - Professor Jørgen Rischel: A survey lecture on autosegmental phonology.

February 15, 1984 - Dr. Olle Engstrand (Uppsala University): "Spektrala och artikulatoriska korrelat till tense, lax och stress i svenska vokaler" ("Spectral and articulatory correlates to tense, lax, and stress in Swedish vowels").

February 17, 1984 - Kiros Fre Woldu: "The production and perception of ejective consonants".

March 14, 1984 - Dr. Jerzy Rubach (Warszawa): "The problem of abstractness in cyclic phonology".

March 28, 1984 - Dr. Francisco Lacerda (Stockholm): "How are CV and VC syllables represented in the auditory system?".

May 9, 1984 - Dr. Eva Strangert (Umeå University): "Rytmsiska mönster i talad svenska" ("Rhythmic patterns in spoken Swedish").

May 30, 1984 - Dr. Karin Holmgren (Stockholm University): "Rapport från projektet 'Beskrivning av barns tidiga vokalisation' ("Report on the project 'Description of young children's vocalization'").

September 26, 1984 - Dr. John Ryalls (Max Planck Institute, Nijmegen): "An acoustic investigation of vowel production in aphasia".
IV. PARTICIPATION IN CONGRESSES ETC.

Birgit Hutters, Nina Thorsen, and Oluf Thorsen participated in the Tenth International Congress of Phonetic Sciences, Utrecht, August 1-8, 1983.

Birgit Hutters participated in a symposium at Universität Kiel, April 5-6, 1984, and gave a paper: "Vocal fold adjustments in unvoiced obstruents - with special reference to aspiration and devoicing".

Jørgen Rischel participated in the International Conference on Thai Studies in Bangkok, 22-24 August 1984, and gave a paper on "Achievements and challenges in Thai phonetics".

Jørgen Rischel acted as a consultant on instrumental phonetics to the Departments of Linguistics of two universities in Thailand (Chulalongkorn, Mahidol) in December 1984.

Nina Thorsen participated in the Fifth International Phonology Meeting, Eisenstadt, Austria, June 25-28, 1984, and gave a paper: "Intonation and text in Standard Danish - with special reference to the abstract representation of intonation".

Nina Thorsen gave the following guest lectures: "Textual prosody", at the Cambridge Linguistic Society, Cambridge University, January 26, 1984; "Fo timing in Danish word perception", at Sussex University, January 31, and at Oxford University, February 1, 1984; "Text and intonation in Standard Danish" at Universität Kiel, April 6, 1984; and "Sentence intonation and its abstract representation - a discussion of two different models" at Stockholm University, November 22, 1984.

V. INSTRUMENTAL EQUIPMENT OF THE LABORATORY

The following is a list of instruments that have been purchased or built during the period July 1, 1983 - December 31, 1984.

INSTRUMENTATION FOR SPEECH ANALYSIS

1 pressure transducer, Gaeltec, type 8T-2.
1 Sonagraph, Kay Elemetrics, type 7800.

INSTRUMENTATION FOR SPEECH SYNTHESIS

1 microprocessor-controlled speech synthesizer, type PD.

TAPE RECORDERS

2 semi-professional recorders, Revox, type B77
1 cassette recorder, Tandberg, type TAT 771
1 cassette recorder, SONY, type TC D5M.

LOUDSPEAKERS

4 headphones, Sennheiser, type HD 430.
EQUIPMENT FOR EDP

1 CTR terminal, Televideo, type 925
1 CTR terminal, Pericom, type 7800.

GENERAL PURPOSE ELECTRONIC INSTRUMENTATION

1 frequency counter, Philips, type PM 6667
1 oscillator, Bang & Olufsen, type TG 8
1 V 24 tester, Trend, type BOB 3.

MICROPHONES

1 microphone, Sennheiser, type MKE 2002