

INSTITUTE OF PHONETICS
 JANUARY 1, 1986 - DECEMBER 31, 1986

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 Hutter, cand.mag.

Niels Reinholt Petersen, cand.phil.

Nina Grønnum Thorsen, lic.phil.

Oluf Thorsen, cand.mag.

RESEARCH FELLOWS:

Jan Leon Katlev, lic.phil.

Peter Molbæk Hansen, cand.mag.

Peter Holtse, cand.phil.

RESEARCH ASSISTANTS:

Michael Bundgaard, cand.scient.

Carsten Henriksen, cand.mag. (from September 1st)

ENGINEERS:

Otto Bertelsen, M.Sc.

Preben Dømler, B.Sc.

TECHNICIAN:

Svend-Erik Lystlund

SECRETARY:

Else Parkmann

GUEST RESEARCHER:

Eli Fischer-Jørgensen, dr.phil.h.c.

II. PUBLICATIONS BY STAFF MEMBERS
 AND GUESTS

Eli Fischer-Jørgensen: Review article of Eberhard und Kurt Zwirner: Grundlagen der phonometrischen Linguistik, 3. Auflage 1982, Phonetica 42, 1985, 198-213

Birgit Hutter og Kirsten Brøndsted: "Talestrategier ved gane-spalte", Nordisk Tidsskrift for Logopedi og Foniatri 11, 1986, 57-67

Niels Reinholt Petersen: "Perceptual compensation for segmentally conditioned fundamental frequency perturbation", *Phonetica* 43, 1986, 31-42

Jørgen Rischel: "Is there just one level of prosodic representation?", in Dressler, W. et al. (eds.) *Phonologica 1984*, Proceedings of the Fifth International Phonology Meeting, 1986

Jørgen Rischel & Knut Bergsland: Pioneers of Eskimo Grammar: Hans Egede's and Albert Top's Early Manuscripts on Greenlandic, *Travaux du Cercle Linguistique de Copenhague XXI*, 1986, 188 pp.

Jørgen Rischel: "Dialektfordeling og lydforandringer i grønlandsk", in Vort sprog - vor kultur, Pilersuiffik, Nuuk 1986, p. 123-141 (also in a Greenlandic version in the publication Oqaatsivut kulturerpullu, Pilersuiffik 1986)

Nina Grønnum Thorsen: "Sentence intonation in textual context - Supplementary data", *J. Acoust. Soc. Am.* 80, 1986, 1041-1047

Nina Grønnum Thorsen: "Intonation and text in Standard Danish - with special reference to the abstract representation of intonation", in Dressler, W. et al. (eds.) *Phonologica 1984*, Proceedings of the Fifth International Phonology Meeting, 1986

Nina Thorsen and Oluf Thorsen: *Fonetik for Sprogstuderende*, 3. rev. udg., 8. oplag, Institut for Fonetik, København, 170 pp.

Ole Kongsdal Jensen og Oluf Thorsen: *Fonetik for Franskstuderende*, Romansk Institut, København, 206 pp.

III. GUEST LECTURES AND SEMINARS

April 16 - Diana Krull, Stockholm University: "Spectrum and dynamics in the perception of Swedish stops".

May 26-30 - Wilhelm Vieregge, Catholic University, Nijmegen, gave an intensive course in the transcription of pathological speech.

November 24 - Albertas Steponavicius, Vilna, Lithuania: "Research activities within descriptive and historical phonology in Lithuania".

December 17 - Briony Williams, IBM Scientific Centre, Winchester: "Synthesizing British English intonation from a tonetic stress notation".

IV. PARTICIPATION IN CONGRESSES, ETC.

Jan Katlev participated in Sociolinguistics Symposium 6, Newcastle upon Tyne, April 16-18, and gave a paper: "A comparison of Danish and English allegro phonology".

Jan Katlev gave a guest lecture at Aalborg University, May 2: "Nordjysk regionalt rigsmål?"

Peter Molbæk Hansen participated in two meetings of the COST 209 Working Group No. 1, at Die Postschule des FTZ, Heidelberg, West Germany, May 27-28 and at PTT Dr. Neher Laboratories, Leidschendam, the Netherlands.

Jørgen Rischel participated in the Fourth Nordic Prosody Meeting, Middelfart (Denmark) June 6-8 and gave a paper: "Some reflexions on levels of prosodic representation and prosodic categories". He also participated in the meeting of the Chicago Linguistics Society and the Conference on Southeast Asia as a Linguistic Area at the University of Chicago in April 1986, and gave a paper at the last-mentioned conference: "Areal features and linguistic theory", April 16. Jørgen Rischel furthermore participated as a guest in the meeting of the British prosodic school (symposium on non-linear phonology) in York, April 1986.

Jørgen Rischel gave a guest lecture: "A critical view of tonogenesis in Thai" at Cornell University, 22 April.

Jørgen Rischel reported on his phonetic studies in Southeast Asia and Greenland at UCLA, May 5.

Jørgen Rischel lectured at the University of Vienna and the University of Salzburg, respectively, June 9-10 and June 11, on non-linear phonology.

Jørgen Rischel gave an opening lecture on linguistic aspects of speech synthesis at the opening celebration of the Videnscentret, Laboratoriet for elektroniske systemer, Aalborg universitetscenter (Denmark), August 27.

Jørgen Rischel gave a guest lecture on the IPUC speech synthesis project at the University of Bergen, November 20.

Nina Grønnum Thorsen participated in the Fourth Nordic Prosody Meeting, Middelfart, June 6-8, and gave a paper: "Text and intonation - a case study".

Nina Grønnum Thorsen gave a guest lecture at Stockholm University, May 21: "Text and intonation - a case study".

Nina Grønnum Thorsen gave a guest lecture at Université de Genève, June 24: "Suprasegmental transcription".

V. INSTRUMENTAL EQUIPMENT OF THE LABORATORY

The following is a list of instruments that have been purchased or built during the period January 1 - December 31, 1986.

OUTFIT FOR PHOTOGRAPHY

- 1 camera, Minolta, 7000 (with various accessories)
- 1 enlarger, Durst, M370.

TAPE RECORDERS

- 1 cassette recorder, SONY, BM80

GENERAL PURPOSE ELECTRONIC INSTRUMENTATION

- 1 Logic analyzer.

EQUIPMENT FOR EDP

- 1 printer, Printstar, 5025
- 1 CTR terminal, Nokia, VDU
- 1 Masscomp 5600 computer system consisting of:
 - 1 single processor system with
 - 1 MC68020 cpu
 - 1 parallel floating point accelerator
 - 4 Mb RAM
 - 1 8-chan. high speed terminal multiplexor
 - 1 XMC peripheral controller with
 - 2 80Mb winchester disk drives
 - 1 40Mb streaming cartridge tape unit
 - 1 1.2Mb floppy disk unit
 - 1 DACP front end I/O processor with
 - 1 EP12M analogue I/O card (A/D: 8-chan., D/A: (2-chan.)

Operating system: Masscomp RTU-1 (Real Time Unix).