

INSTITUTE OF PHONETICS
JANUARY 1, 1985 - DECEMBER 31, 1985

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 Reinhold Petersen, cand.phil.

Nina Grønnum Thorsen, lic.phil.

Oluf Thorsen, cand.mag.

RESEARCH FELLOWS:

Jan Leon Katlev (from February 1st)

Peter Molbæk Hansen, cand.mag.

Peter Holtse, cand.phil. (from April 1, 1984)

TEACHING ASSISTANT:

Ole Nedergaard Thomsen

ENGINEERS:

Otto Bertelsen, M.Sc.

Preben Dømler, B.Sc.

TECHNICIAN:

Svend-Erik Lystlund

SECRETARY:

Else Parkmann

GUEST RESEARCHERS:

Eli Fischer-Jørgensen, dr.phil.h.c.

Kiros Fre Woldu, Uppsala University (until June 1st)

Professor John J. Ohala, Ph.d., University of California,
Berkeley (until June 30th)

Professor Manjari Ohala, Ph.d., San José State University
(until June 30th)

Amon Thavisak, M.A., Mahidol University, Bangkok.

II. PUBLICATIONS BY STAFF MEMBERS
AND GUESTS

Eli Fischer-Jørgensen: "Some basic vowel features, their articulatory correlates, and their explanatory power in phonology", in: Phonetic Linguistics, Essays in Honor of Peter Ladefoged (ed.: V. Fromkin), (Academic Press, Orlando et al.) 1985, 79-99

Peter Molbæk Hansen: "Kanel, model, adel, sadel - og andre vanskeligheder ved at lære en maskine at læse højt", Teleteknik 4, 1985.

Birgit Hutters: "Vocal fold adjustment in aspirated and unaspirated stops in Danish", Phonetica 42, 1985, 1-24.

Birgit Hutters: Review of Pieter van Reenen: Phonetic Feature Definitions. Their Integration into Phonology and their Relation to Speech. A Case Study of the Feature NASAL. Foris Publications, Dordrecht 1982, 196 pp., Acta Linguistica Hafniensia 19, 1985, 127-130.

Jørgen Rischel: "Was there a fourth vowel in Old Greenlandic?", IJAL 51, 4, 553-555.

Jørgen Rischel: "Resens tysk-grønlandske ordliste" (Robert Petersen & Jørgen Rischel ed. with introduction), in Grønland (theme: "Nyt fra 1600-tallet", New information about the 17th century), 1985, fasc. 5-6-7, 156-192.

Nina Grønnum Thorsen: "Intonation and text in Standard Danish", J. Acoust. Soc. Am. 77, 1985, 1205-1216.

Nina Grønnum Thorsen: Review of Nico Willems: English Intonation from a Dutch Point of View. Netherlands Phonetic Archives, Vol. 1, 1982, J. Phonetics 13, 1985, 357-358.

Nina Thorsen and Oluf Thorsen: Fonetik for Sprogstuderende, 3rd revised edition, 7th printing, Copenhagen 1985, 170 pp.

III. GUEST LECTURES AND SEMINARS

January 23 - John Jørgensen, Odense university: "Forskelle mellem børns og voksnes konsonantgrupper" (Differences between consonant clusters in children and adults)

April 17 - Jan Katlev: "Dansk allegro-fonologi" (Danish allegro-phonology)

May 17 - John Ohala and Jørgen Rischel: "The relations between phonetics and phonology"

October 4 - Professor Nelly I. Cubar (University of the Philippines): "Tagalog phonology: a generative approach"

October 25 - Inger Karlsson (Royal Institute of Technology, Stockholm): "Akustiska glottogram för friska och patologiska röster" (Acoustic glottograms of healthy and pathological voices)

November 1 - Professor Wilhelm Vieregge (Catholic University, Nijmegen): "Probleme beim Transkribieren normaler und pathologischer Sprachäußerungen" (Problems in transcribing normal and pathological utterances)

November 22 - Robert McAllister (Stockholm University): "A theory of speech motor control in the light of recent research in labial co-articulation"

December 13 - Anders Löfqvist (Lund University): "Laryngeal artikulation - kinematik, kontrol, koordination" (Laryngeal articulation - kinematics, control, coordination)

IV. PARTICIPATION IN CONGRESSES, ETC.

Peter Molbæk Hansen and Jan Katlev participated in a conference on Spoken Danish under the auspices of the Danish Research Council at Hindsgavl Slot, April 13-15.

Peter Molbæk Hansen participated in two COST-209 meetings, one at the British TELECOM, Martlesham, United Kingdom, June 13-15, and one at Copenhagen University, November 13-14.

Peter Molbæk Hansen participated in a conference on Linguistics and Informatics under the auspices of the Danish Research Council, Middelfart, December 1-3.

Peter Holtse participated in the COST-209 meeting at Copenhagen University, November 13-14.

Peter Holtse gave an invited paper: "The phonetic basis of speech technology" at the Speech Technology Conference, held by the Danish Automation Society, November 6.

Peter Holtse gave a status report on "Speech Synthesis and text-to-speech conversion" to the Danish Society for the Blind, September 11, and read a paper on "Speech recognition and speech synthesis" (with P. Dalsgaard, Aalborg University), at a Danish Research Planning Council seminar, May 29.

Birgit Hutter participated in the International Conference on 'Speech Motor Dynamics in Stuttering', Nijmegen, June 13-15 and in the 5th International Congress on Cleft Palate and Related Craniofacial Anomalies, Monte Carlo, September 2-7, where she gave a paper (with Kirsten Brøndsted): "Analysis of the spontaneous speech and communication behaviour in Danish pre-school children with cleft palate and cleft lip and palate".

Birgit Hutter gave a guest lecture at the Institute of Linguistics, Stockholm University: "Vocal fold adjustments in unvoiced obstruents - with special reference to aspiration and devoicing", March 6.

Jørgen Rischel participated in the International Conference on Sino-Tibetan Languages and Linguistics, Bangkok, 27-29 August, and gave a plenary session paper: "Tonogenesis in Thai: A phonetic paradox".

Nina Thorsen participated in a conference on Event Perception, Uppsala, June 26.

Nina Thorsen gave a guest lecture at Université de Genève: "Models of intonation", July 2.

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, 1985.

TAPE RECORDERS

1 cassette recorder, AIWA, type AD-WX 220.

EQUIPMENT FOR EDP

2 CTR terminal, WYSE, type 85.

MICROPHONES

1 microphone, Sennheiser, type ME 40
2 microphones, Sennheiser, type ME 20
2 microphones, Sennheiser, type MKE 2-3.