

INSTITUTE OF PHONETICS  
JANUARY 1, 1988 - APRIL 30, 1988

I. PERSONNEL OF THE INSTITUTE

PROFESSOR:

Jørgen Rischel, dr.phil.

ASSOCIATE PROFESSORS:

Børge Frøkjær-Jensen, cand.mag. (seconded to the Audiological Centre)

Peter Holtse, cand.phil.

Birgit Hutter, cand.mag.

Niels Reinhold Petersen, cand.phil.

Nina Grønnum Thorsen, Ph.D.

Oluf Thorsen, cand.mag.

RESEARCH FELLOW:

Peter Molbæk Hansen, cand.mag.

TEACHING ASSISTANT:

Jan Leon Katlev, Ph.D.

ENGINEERS:

Otto Bertelsen, M.Sc.

Preben Dømler, B.Sc.

ENGINEER ASSISTANT:

Svend-Erik Lystlund

SECRETARY:

Else Parkmann (retired as of April 1st)

GUEST RESEARCHER:

Eli Fischer-Jørgensen, dr.phil.h.c.

II. PUBLICATIONS BY STAFF MEMBERS  
AND GUESTS IN 1988

Eli Fischer-Jørgensen: "Gedächtnisworte", Gedächtniskolloquium für Eberhard Zwirner, Antwerpen 9-12 April 1986, H. Blume (ed.), Beiträge zur quantitativen Linguistik, p. 28-30

Eli Fischer-Jørgensen: Stephen Anderson, Phonology in the Twentieth Century (Chicago 1985) (review article), Phonetica 44, 1987, p. 192-195

- Eli Fischer-Jørgensen: "Svend Smith (1907-1986) Necrologium", Phonetica 44, 1987, p. 258-260
- Eli Fischer-Jørgensen: Iz vystuplenij na otkrytii XI meždunarodnogo kongressa fonetičeskix nauk, Tallin 1987, Fišer-Jorgensen, E. (selection of the opening speeches as the 11th Congress of Phonetic Sciences, Tallin 1987), Voprosy Jazykoznanija 2, 1988, p. 123-126
- Björn Granström, Peter Molbæk Hansen and Nina Grønnum Thorsen: "A Danish text-to-speech system using a text normalizer based on morph analysis", Working Papers 34 (Sidney Wood, ed.), 1988, Lund University, Department of Linguistics, p. 55-58
- Peter Molbæk Hansen and Peter Holtse: "Talegenkendelse og talesyntese", Psyke og Logos 2, 1988, p. 307-336
- Birgit Hutter: "Clinical use of nasal airflow in the assessment of the velopharyngeal mechanism", Working Papers 34 (Sidney Wood, ed.), 1988, Lund University, Department of Linguistics, p. 68-71
- Niels Reinholt Petersen: "The role of intrinsic fundamental frequency in the perception of singing", Working Papers 34 (Sidney Wood, ed.), 1988, Lund University, Department of Linguistics, p. 99-102
- Nina Grønnum Thorsen: "Default accents and focal sentence accents", Working Papers 34 (Sidney Wood, ed.), 1988, Lund University, Department of Linguistics, p. 120-124
- Robert Bannert and Nina Grønnum Thorsen: "Empirische Studien zur Intonation des Deutschen und Dänischen, Ähnlichkeiten und Unterschiede", Kopenhagener Beiträge zur germanistischen Linguistik 24, 1988, p. 26-50

### III. GUEST LECTURES AND SEMINARS

- April 26: Sidney Wood, Lund University: "Vowel reduction in Bulgarian"
- May 24: Peter Ladefoged, UCLA: "What the mind tells the tongue to do"
- May 26: Jacques Terken, IPO Eindhoven: "Intonation synthesis for Dutch text-to-speech application"
- November 4: Rolf Lindgren, Stockholm University: "Fonetisk variation i tal"
- November 18: Richard Schulman, Stockholm University: "The production and perception of shouted speech"

#### IV. PARTICIPATION IN CONGRESSES, ETC.

Michael Bundgaard participated in the 7th FASE Symposium, Speech '88, Edinburgh, August 22-26

Peter Molbæk Hansen participated in the COST 209 Seminar on Speech Synthesis, Munich, February 16-17, and in an Ordbogskonference, held by Afdeling for Datalingvistik, Handelshøjskolen i Århus, Fuglsø, June 8-9

Birgit Hutter, Niels Reinholt Petersen, and Nina Grønnum Thorsen participated in the Second Swedish Phonetics Conference in Lund, May 5-6 and gave papers, cf. above under publications

Jan Katlev guest lectured at Århus University on September 19th and at Odense University on September 22nd: "På vej mod en økofonologi". He also participated in the 2. Møde om Udforskningen af Dansk Sprog, Århus, October 13-14 and gave a paper: "En drøftelse af 'sjuskefonologi' i moderne københavnsk rigsmål, illustreret ved reduktions-derivationerne for [dew]"

Jørgen Rischel participated in a meeting on lexicography in Fuglsø, June 8-9, and gave an invited causerie on lexicographic aspects of Greenlandic and of a tribal language in Indochina. Jørgen Rischel also participated in the Phonologische Tagung in Krems, June 30-July 7, and gave a plenary paper on "Areal features and diachronic phonetic universals". He also participated in a Mon-Khmer workshop in Lund on October 6 (as part of the International Sino-Tibetan Conference) and gave an invited paper: "Mlabri/Yumbri ("Phi Tong Luang"): A case of lexical split"

Nina Grønnum Thorsen participated in a meeting in Munich, October 7-8, about "Schwerpunkt Intonation".

#### V. INSTRUMENTAL EQUIPMENT OF THE LABORATORY

The following is a list of instruments that have been purchased or built during 1988.

##### TAPE RECORDERS:

1 walkman professional, Sony, type WM-D6C

##### LOUDSPEAKERS:

4 headphones, Sennheiser, type HD 530

##### MICROPHONES:

1 microphone, Sennheiser, type MKE 2-6

EQUIPMENT FOR PHOTOGRAPHY:

1 oes medical camera, Olympus, type SC16-10

EQUIPMENT FOR EDP:

1 coprocessor, Intel, type 80387/20