

(ARIPUC 15, 1981)

INSTITUTE OF PHONETICS
JULY 1, 1980 - JUNE 30, 1981

I. PERSONNEL OF THE INSTITUTE

PROFESSOR:

Eli Fischer-Jørgensen, dr.phil.h.c. (until February 28, 1981)

ASSOCIATE PROFESSORS:

Børge Frøkjær-Jensen, cand.mag. (seconded to the Audiologopedics Research Group)

Peter Holtse, cand.phil.

Birgit Hutter, cand.mag.

Nina Thorsen, cand.phil.

Oluf Thorsen, cand.mag.

ASSISTANT PROFESSOR:

Niels Reinhold Petersen, cand.phil.

TEACHING ASSISTANTS:

Michael Bundgaard, stud.mag.

John Jørgensen, stud.mag.

Peter Mølbæk Hansen, cand.mag.

Eva Rosenvold, cand.mag.

Lisbeth Strøjer, cand.phil., MA

ENGINEERS:

Otto Bertelsen, M.Sc. (from November 1, 1980)

Preben Dømler, B.Sc.

Mogens Hald Kristensen, M.Sc. (until September 30, 1980)

Mogens Møller, M.Sc. (on leave) (until September 30, 1980)

TECHNICIAN:

Svend-Erik Lystlund

SECRETARY:

Else Parkmann

TEACHERS FROM OTHER INSTITUTES:

Una Canger, Ph.D. (Institute of Linguistics)

GUEST RESEARCHERS:

Eli Fischer-Jørgensen, dr.phil.h.c. (from March 1, 1981)

Dr. Dieter Mehnert (from June 11, 1981 to June 25, 1981)

II. PUBLICATIONS BY STAFF MEMBERS

Eli Fischer-Jørgensen "Fonetik, studiet af sproglyde", Grundvidenskaben idag, 27, 1981

Nina Thorsen "Intonation contours and stress group patterns in declarative sentences of varying length in ASC Danish", Nordic Prosody II (ed. Thorstein Fretheim), TAPIR 1981, p. 75-89

Nina Thorsen "Word boundaries and Fo patterns in Advanced Standard Copenhagen Danish", Phonetica 37, 1980, p. 121-133

Nina Thorsen and Oluf Thorsen Fonetik for Sprogstuderende, 3rd edition, 4th printing, Copenhagen 1981, 169 pp.

Oluf Thorsen, Ole Kongsdal Jensen, and Karen Landschultz: Fransk Fonetik, 10th revised edition, Copenhagen 1981, 272 pp.

III. LECTURES AND COURSES

1. ELEMENTARY COURSES IN GENERAL PHONETICS AND LINGUISTICS

One semester courses (two hours a week) in elementary general phonetics (intended for students of phonetics and linguistics) were given by Birgit Hutter in the autumn semester 1980 and by Peter Holtse in the spring semester 1981.

A course in general and French phonetics (two hours a week) was given by Oluf Thorsen in the autumn semester 1980 and in the spring semester 1981.

A course in general and German phonetics (two hours a week) was given in the spring semester 1981 by Michael Bundgaard.

A course in general phonetics for students of Modern Greek (two hours a week) was given in the autumn semester 1980 by Eva Rosenvold.

A course in general phonetics for students of Italian (two hours a week) was given in the autumn semester 1980 by John Jørgensen.

Courses in general and Russian phonetics (two hours a week) were given by Peter Molbæk Hansen both in the autumn semester 1980 and in the spring semester 1981.

An introductory course in general linguistics (two hours a week) was given in the autumn semester 1980 by Una Canger.

2. PRACTICAL EXERCISES IN EAR-TRAINING AND PHONETIC TRANSCRIPTION

Based on tape recordings as well as work with informants, three semester courses of two hours a week were given as follows:

Beginners, in the autumn semester 1980 by Niels Reinholt Petersen.

Intermediate level, in the spring semester 1981 by Niels Reinholt Petersen and Peter Holtse.

Advanced students, in the autumn semester 1980 by Oluf Thorsen.

3. PHONOLOGY

Courses in phonology (two hours a week) were given by Lisbeth Strøjer for beginners in the spring semester 1980, and for more advanced students in the autumn semester 1981.

4. PHYSIOLOGY AND ACOUSTICS OF SPEECH

A course in the physiology of speech (two hours a week) was given in the autumn semester 1980 by Birgit Hutter.

A course in instrumental physiological phonetics (two hours a week plus individual exercises) was given by Birgit Hutter in the spring semester 1981.

A course in the acoustics of speech (two hours a week) was given by Nina Thorsen in the spring semester 1981.

A course in instrumental acoustic phonetics (two hours a week plus individual exercises) was given in the autumn semester 1980 by Peter Holtse and Niels Reinholt Petersen.

A course in elementary mathematics and electronics (two hours a week) was given by Nina Thorsen in the autumn semester 1980.

5. OTHER COURSES

A course in statistics (two hours a week) was given by Niels Reinholt Petersen in the spring semester 1981.

A course in the theory and practice of the language laboratory (one hour a week) was given by Oluf Thorsen in the spring semester 1981.

Birgit Hutter presided over a seminar for advanced students on normal and pathological functions of the velum in the spring semester 1981.

Courses in the phonetics and the phonology of particular languages (each two hours a week) were held as follows:

English, autumn semester 1980 by Peter Holtse.

Danish, autumn semester 1980 by Nina Thorsen.

French, spring semester 1981 by Oluf Thorsen.

German, spring semester 1981 by Nina Thorsen.

A course in sound typology (two hours a week) was given by Eli Fischer-Jørgensen in the autumn semester 1980.

6. SEMINARS

Professor Gunnar Fant (Royal Institute of Technology, Stockholm) lectured on the voice source in speech.

Professor Peter MacNeilage (University of Texas at Austin) gave a lecture titled: "The production of speech: Development and dissolution of motoric and premotoric processes".

Dr. Mona Lindau (University of California, Los Angeles) gave a lecture titled: "Phonetic differences between languages".

Professor Paul Kiparsky (Massachusetts Institute of Technology, Cambridge) gave three lectures titled: "Lexical phonology", "Analogy", and "Vowel harmony".

Dr. James Lubker (University of Stockholm) gave a lecture titled: "Normal and pathological velo-pharyngeal function".

Professor Ronald Netsell (Boys Town Institute for Communication Disorders in Children, Omaha) lectured on: "Speech production as a special case of motor skill".

Professor Peter MacNeilage (University of Texas at Austin) lectured on speech production.

Professor Alan Bell (University of Colorado, Boulder) gave a lecture titled: "Perception of rhythmic structures in speech".

Dr. Dieter Mehnert (Humboldt-Universität zu Berlin) lectured on microintonation applied to technical speech synthesis.

IV. PARTICIPATION IN CONGRESSES ETC.

Nina Thorsen participated in a meeting on "Prosody and synthesis by rule" in Stockholm January 16-17, 1981.

Nina Thorsen and Oluf Thorsen participated in a meeting on "Phonetic Description" in Lund May 15, 1981.

Nina Thorsen participated in the "Sixth Scandinavian Conference of Linguistics" in Røros, June 19-21, 1981, and gave a paper on: "Phonetic evidence for the autonomy of prosodic categories in Danish".

Nina Thorsen visited the phonetics institutes in Cologne and Munich on July 14-15, 1981, and lectured on "Stress, pitch, and intonation in Danish".

V. INSTRUMENTAL EQUIPMENT OF THE LABORATORY

The following is a list of instruments that have been purchased or built during the period July 1, 1980 - June 30, 1981.

1. AMPLIFIERS

1 Power amplifier, Nikko, type NA 590.

2. EQUIPMENT FOR EDP

1 Graphics tablet, Tektronix, type 4953.

1 Joystick, Tektronix, type 4952.

3. INSTRUMENTATION FOR VIDEO

1 Video monitor, Barco, type CRM 2032.

1 Video monitor, JAI, type JAI 810.

1 Video camera, JAI, type JAI 710A.