



Speech, Music and Hearing

part of
School of Computer Science and
Communication



[TMH](#)

[People and Department](#) »

[Seminars, News and Events](#) »

[Education](#) »

[Research](#) »

[Projects](#) »

[Publications](#) »

[Software](#) »

[Intranet](#) »

[TMH](#)

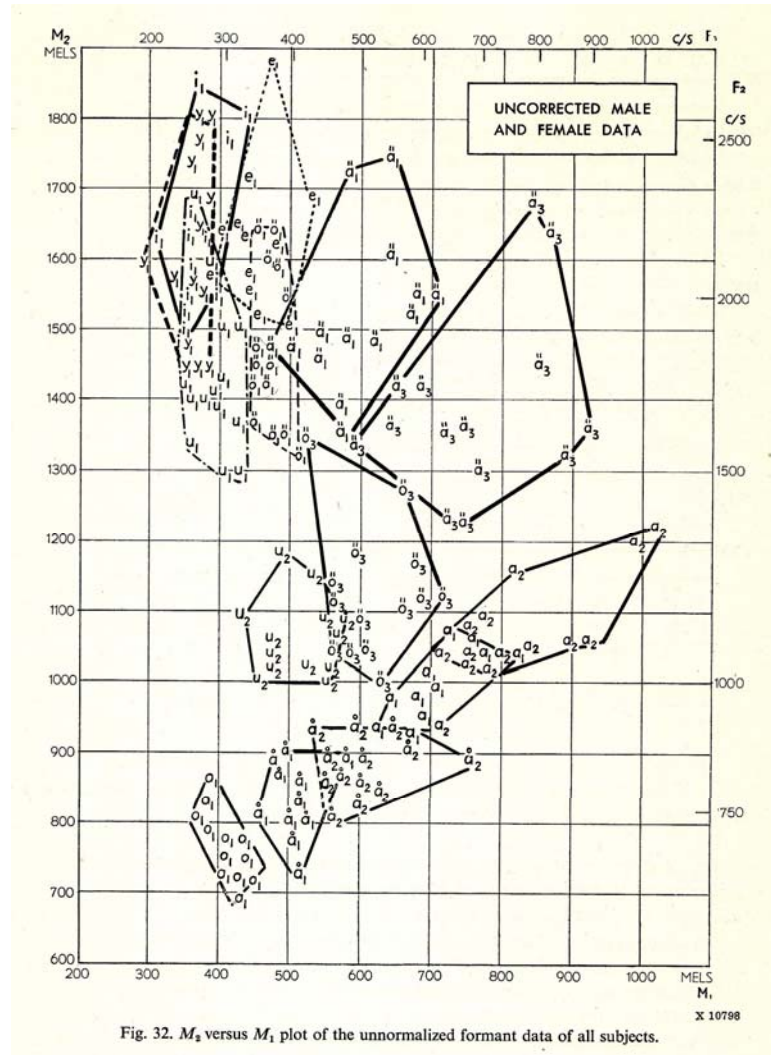


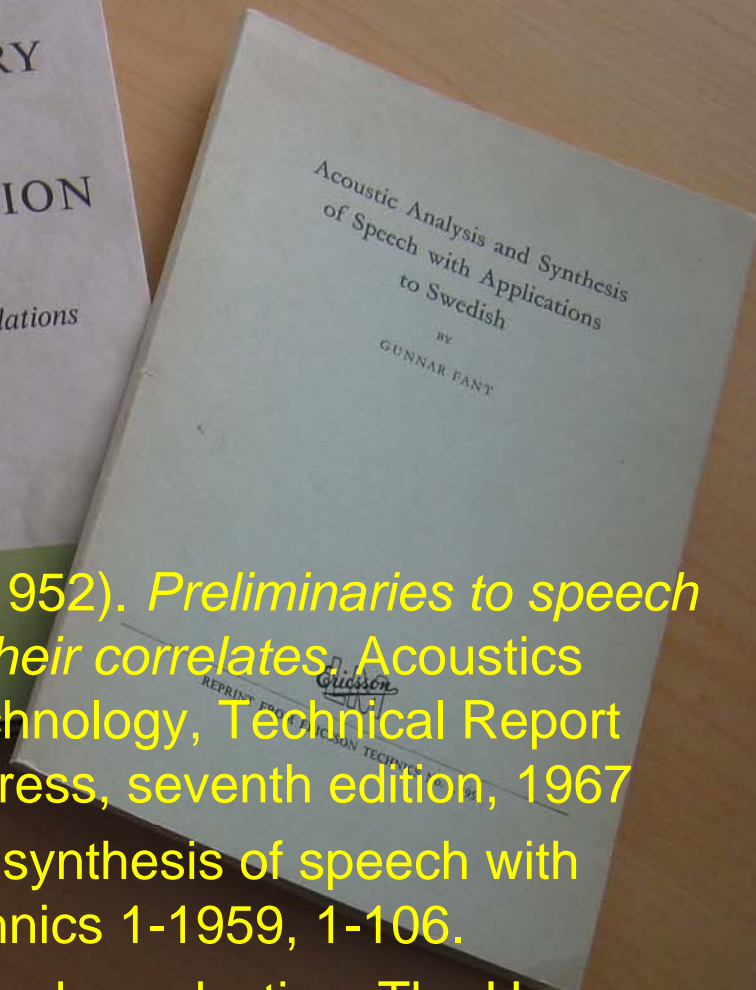
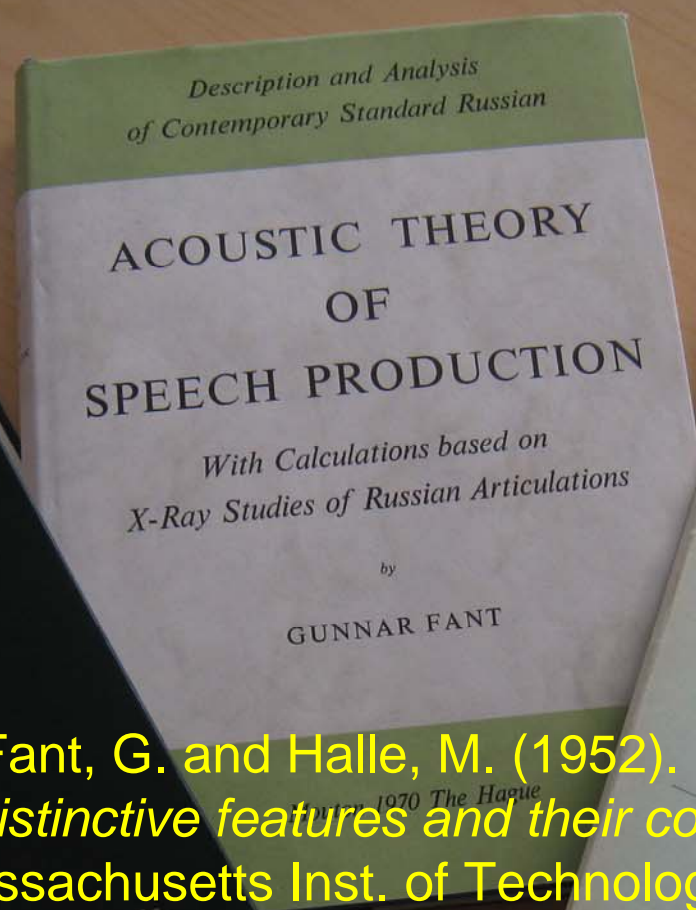
Gunnar Fant

October 8, 1919 - June 6, 2009

<http://www.speech.kth.se/~gunnar/>

Work at L M Ericsson 1945-49





- Jakobson, R., Fant, G. and Halle, M. (1952). *Preliminaries to speech analysis. The distinctive features and their correlates*. Acoustics Laboratory, Massachusetts Inst. of Technology, Technical Report No. 13 (58 pages). Published by MIT press, seventh edition, 1967
- Fant, G. (1959). *Acoustic analysis and synthesis of speech with applications to Swedish*. Ericsson Technics 1-1959, 1-106.
- Fant, G. (1960). *Acoustic theory of speech production*. The Hague, Netherlands: Mouton, 2nd edition. 1970, (Translated into Russian, Nauka, Moskva, 1964).

Dr Lowell M. H. Kinsman
100 Stone Cambridge Research Center
Bedford, Massachusetts U.S.A.

20/1/57

12.7.1957. Prof. V. Sreenivasan C. S. S. C. CHENNAI
Prof. of Medical Microbiology
Department of Pathology
BANGALORE, India.

Aug 14/57. George M. Cowan
Senior Lecturer in Microbiology
Holland St., Madras, India.

12.VIII.57.

D.B. Dwy.
University College
London

Aug 12th 1957.

Peter B. Demes
University College
London W.C.1.

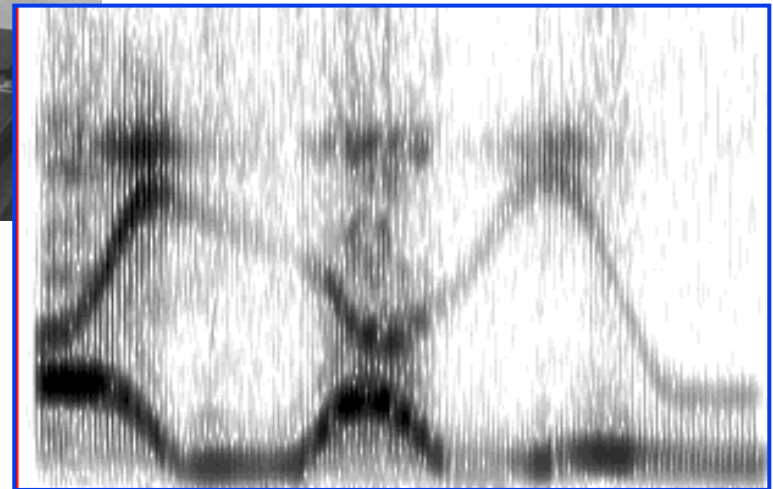
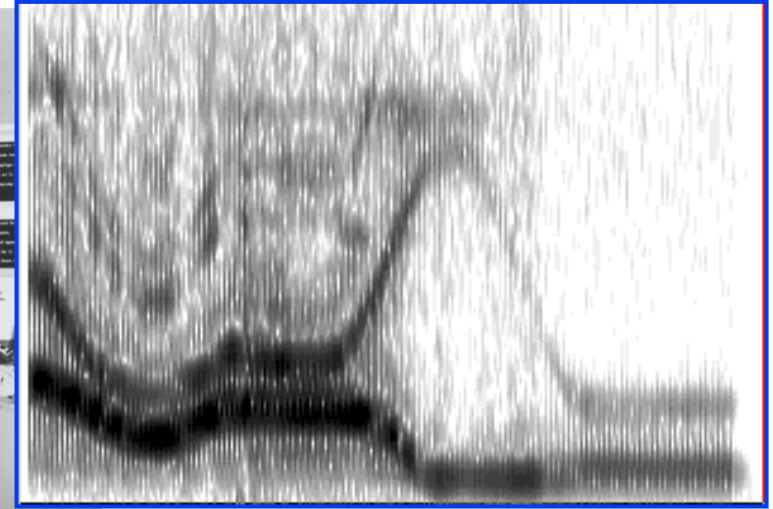
12th August 1957.

John LM Timm
University College London.
Gower Street, London W.C.1.

The KTH speech group - Early days



Gunnar Fant and OVE I 1953



OVE I in Snack – free download



Ove II, 1958



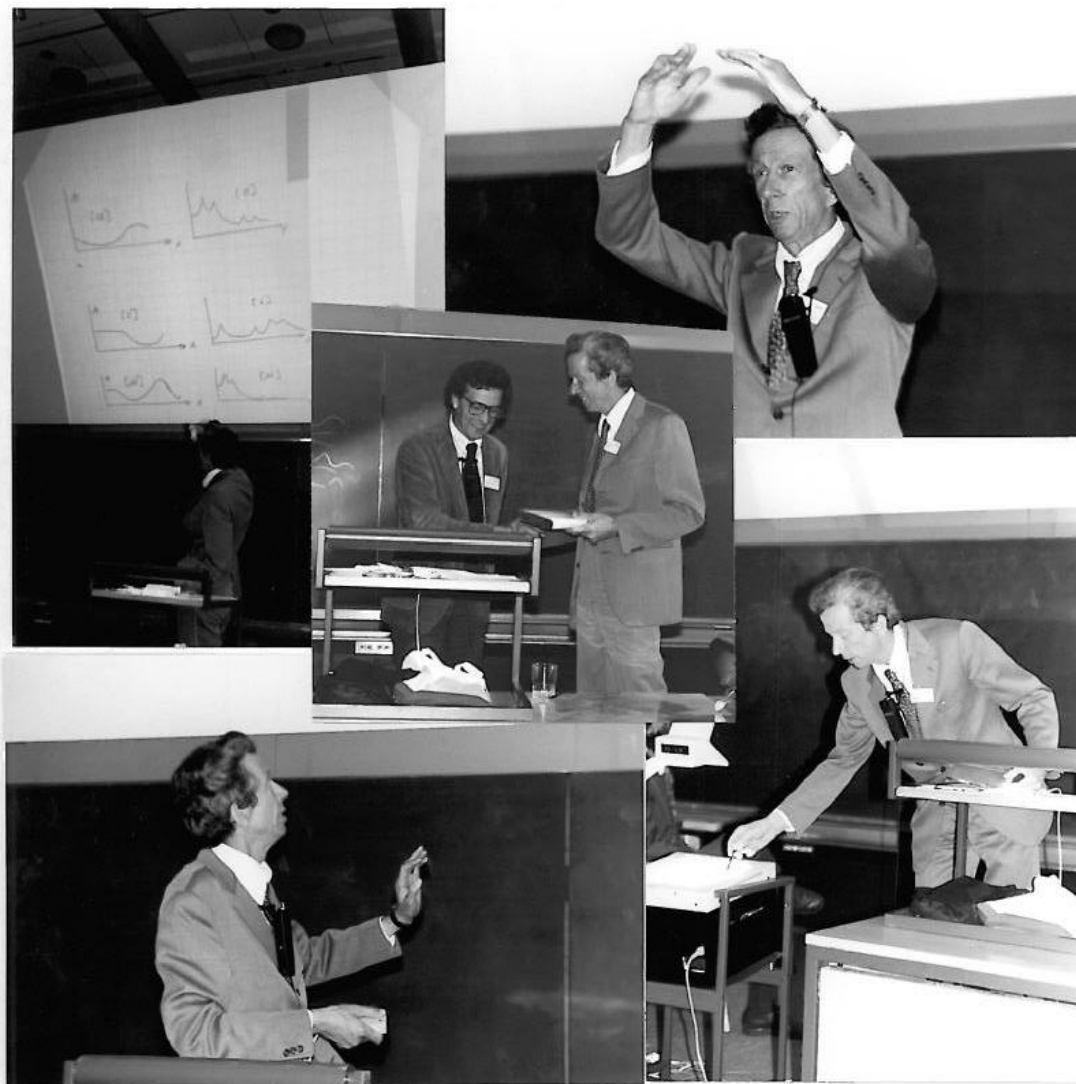
1961



1962



Spectral speech information presented visually and tactually, 1961.



Frontiers of Speech Communication Research
is handed over by Björn Lindblom

Vowel symposium on Gunnar's Summer Island 1979



Evelyn Abberton

Adrian Fourcin

Eli Fischer-Jørgensen

Peter Ladefoged

René Carré

Mac Pickett

Sheri Hunnicutt

Bob Porter

Johan Sunderrg

Tony Bladon

Bill Ainsworth

Gunnar Fant

Louis Pols

Björn Granström

Raymond Descout

Inger Karlsson

Wolfgang Hess

Hartmut Traunmüller

Kathy Bladon

Rolf Carlson

Lennart Nord

Hiroya Fujisaki

Gunnar's less known sides



BEWARE !



HE DID NOT BELIEVE IN
THE ACOUSTIC THEORY OF
SPEECH PRODUCTION !

- Running
- Tennis
- Playing
- Singing
- Sailing

Travelling with a pioneer



*Rolf Carlson
Gunnar Fant
Cian Granström
1979*

HONORARY DOCTOR IN SCIENCE
University of Dublin, Trinity College, 2006





"Mr Speech Technology, boldly surfing along without observing the Knowledge Barrier where he might get stranded."

Speech Communication, Volume 51, Issue 7, July 2009, Pages 564-568

Finally Gunnar's own music
performed by the rule based singing formant synthesiser at KTH
based on Acoustic Theory of Speech Production
Thanks to Johan Sundberg and Sten Ternström!



Gunnar performing at the KTH Christmas party, 2000

Lättjans vals – music and lyrics by Gunnar Fant

