

Maliebaan 39A, Utrecht, Pays-Bas

c/o Department of Music, University of Pittsburgh,
Pittsburgh, PA. 15260, USA

I was, during 1970-1975, as a member of staff of the Institute
of Sonology, Utrecht, The Netherlands

oeuvres/works/opere

STRUCTURE IV, 1973, 17'35"

quadraphonic composition using real-time sound
synthesis material.

MCC

STRUCTURE V, 1974, 17'40"

quadraphonic composition using real-time sound
synthesis material.

MCC

STRUCTURE VIII, 1975, 19'30"

real-time sound synthesis material, two versions,
no. 1 & 2

MCC

STRUCTURE IX, 1975, 16'45"

quadraphonic composition, using real-time sound
synthesis.

MCC

INTONATION I, for 2x6 voices a cappella, 1975

an interpretation of output of G.W.Koenigs
Project One.

MCC

programmes/programs/programmi

remark: all programs were developed together
with Mr. Barry Truax, now c/o Department of
Communication Studies, Simon Fraser University

OBSERV-1, OBSERV-2, OBSVAR

FORTRAN/MACRO-15, FDP-15;

The protocol analysis of musical composition
and perception tasks. Listing available.

6/75

cont.

PHRAN
analysis program

CAMA

CBSYN
program for the simulation of elementary
music-syntactic composition

CAMA

OBSPER
machine perception system (planned)

CAMA

(For detailed information on these programs,
consult: "Introduction to the OBSERVER programs,
a series of computer programs for research in
musical activity", unpublished manuscript,
Institute of Sonology, University of Utrecht.)

textes/writings/testi

LASKE, Otto
INFORMATION-PROCESSING PSYCHOLOGY TODAY: ITS
PROBLEMS AND METHODS.
Onderzoeksmemorandum AMS-3, Subfaculteit Psychologie,
Afdeling Methodologie en Statistiek, Rijksuniversiteit
Utrecht, May 1974. Republished as: THE INFORMATION-
PROCESSING APPROACH TO MUSICAL COGNITION, Interface
3, 2, Dec. 1974. 109-136.

GMT

"INTRODUCTION TO A GENERATIVE THEORY OF MUSIC."
Sonological Reports 1, Institute of Sonology,
Utrecht State University, Spring 1973. 103p.

GMT

"MUSICAL ACOUSTICS (SONOLOGY). A QUESTIONABLE
SCIENCE RECONSIDERED." Numus West 6, 1974. 35-40.

GMT

"MUSICAL SEMANTICS, A PROCEDURAL POINT OF VIEW --
PART I."
Actes du 1er Congrès International de Sémiotique
Musicale, 1973, Centro di Iniziativa Culturale,
Pesaro, 1974.

GMT

6/75

cont.

"ON PROBLEMS OF A PERFORMANCE MODEL FOR MUSIC."
Sonological Reports 1, Institute of Sonology,
Utrecht State University, Sprong 1973. 135p.

GMT

TOWARD A CENTER FOR STUDIES IN MUSICAL
INTELLIGENCE. Spring 1973. 9p. N.d., dactylo.

GMT

"TOWARD A MUSICAL INTELLIGENCE SYSTEM: OBSERVER."
Numus West 4, Fall 1974. 11-16.

GMT

TOWARD A THEORY OF MUSICAL COGNITION.
Onderzoeksmemorandum AMS-10, Subfaculteit Psychologie,
Afdeling Methodologie en Statistiek, Rijksuniversiteit
Utrecht, May 1975. 87p. Reprinted in Interface 4, 2,
1975.

GMT

activité/activity/attività _____

- a) work toward an automatic analysis, and the simulation of contents, of protocols from OBSERV-1 and OBSVAR; these protocols were taken with adults and with children, to serve research in musical activity and acquisition.
- b) development of OBSYN, solving phase, - a system for the simulation of syntactic composition.
- c) basic design of OBSPER, a machine perception system for the semantic recognition of short musical phrases from real-time sonic input.
- d) theoretical foundations of psychomusicology, a discipline researching the perceptual and intellectual processes underlying the creation and understanding of musical structures.

6/75

biographie/biography/biografia

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|---------|--|
| 1936 | Born in Olesnica (Oels), Silesia |
| 1955-66 | studies in philosophy, musical composition,
musicology, English/American Literature,
Frankfurt University, West Germany |
| 1966-68 | studies in musical composition and conducting,
New England Conservatory, Boston, Mass., USA |
| 1968-70 | teaching positions in Canada (Brock, McGill Universities) |
| 1970-75 | member of staff, inaugurator of a research group for
studies in musical activity, Institute of Sonology,
University of Utrecht |
| 1975-76 | Andrew Mellon Postdoctoral Fellow, University of
Pittsburgh, PA, USA |