



NAAM: MICHIEL BORKENT

DE- EN RECOMPOSITION OF EXPRESSIVE TIMING IN MUSIC PERFORMANCE

Onderzoeksartikel, informatica/muziekwetenschappen
Radboud Universiteit, Universiteit Twente, 23-02-2005

ONDERWERP/PROBLEEMSTELLING

Kan er een zinnige analyse gemaakt worden van expressieve timing van een muziekuitvoering en kan het resultaat nieuwe manieren mogelijk maken om muziekuitvoeringen naderhand te bewerken?



Curriculum Vitae

Personal information

Name Michiel Borkent
Address op aanvraag: redactie@iamsterdamct.nl
Amsterdam
The Netherlands
Telephone op aanvraag: redactie@iamsterdamct.nl
E-mail op aanvraag: redactie@iamsterdamct.nl
Date of birth February 8, 1981
Place of birth Den Ham
Nationality Dutch
Sex Male
Title ir. (equivalent to MSc)
Marital status Unmarried
Drivers license B

Education

08/1999–11/2005 Technische Informatica (Technical Computer Science) at University of Twente; focus on mathematics, education, language, applications in music and philosophy
09/1993–07/1999 Voorbereidend Wetenschappelijk Onderwijs (Preparatory Scientific Education) at the Greijdanus College in Zwolle

Work experience

02/2005–11/2005 Final thesis assignment for TI (see Education) at the Music Mind Machine group in Nijmegen; subject de- and recomposition of expressive timing in music
09/2004–01/2005 Internship for TI (see Education) at Music Mind Machine group in Nijmegen; keywords: continuous modulation, functional programming
04/2002–11/2005 Various student assistantships (helpdesk computer science laboratory, support at programming classes, maintenance of website, development of dialogue system)
06/2001–04/2002 Freelance translation job English ! Dutch
09/2000–02/2001 Mathematics education through the web (<http://www.collegenet.nl>), Uitgeverij Malmberg (publisher) in 's-Hertogenbosch

Publications

11/2005 Windsor, W. L., Desain, P., Penel, A., and Borkent, M. A structurally guided method for the decomposition of expression in music performance. *Journal of the Acoustical Society of America*. Accepted November 2005. Published February 2006.

Skills

Languages Dutch (mother tongue), English (good), Esperanto (intermediate)
Programming Common Lisp, Java, Prolog, C, Miranda, Pascal, SQL, Matlab, Maple
OSs Mac OSX, Unix / Linux, Windows
Typesetting LATEX, Word, HTML, Powerpoint

Other interests

Areas Music, mathematics, language, education and philosophy, all in a broad sense



ONLINE ONTSLUITEN VAN ONDERZOEK

Philosophy Minor in Philosophy, finished and acquired a certificate
01/2005-6/2005 Volunteer in christian coffeebar 'De Verwondering' in Nijmegen
2001–present Keyboard player and vocalist in rock band Picture of the Moon. See
<http://www.pictureofthemoon.net>
1999–2004 Actively involved in Vereniging Gereformeerde Studenten in Twente (Union of Reformed Students in Twente). Selection of activities: chief editor of union periodical, discussion leader of theme groups, mainly about philosophy and worldview

References

dr. ir. Peter Desain Supervisor internship and final thesis at the Music Mind Machine group, NICI, Radboud University Nijmegen.
E-mail: desain@nici.ru.nl Telephone: 024-3615885
dr. ir. Jan Kuper Supervisor final thesis, University of Twente.
E-mail: jankuper@cs.utwente.nl Telephone: 053-4893785
Amsterdam, 20th December 2005