

## Mariëlle Leijten



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### Current employment

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2016 - current	Associate professor (hoofddocent) - University of Antwerp (100% - since Oct. 1.)
2013 - 2016	Assistent professor (docent) - University of Antwerp (50%) Faculty of Applied Economic Sciences, Department of Management  Post-doc researcher Research Foundation - Flanders (50%) Fonds Wetenschappelijk Onderzoek - Vlaanderen (FWO), host institution: University of Antwerp, Faculty of Applied Economics, Department of Management
2010 - 2013	Post-doc researcher Research Foundation - Flanders Fonds Wetenschappelijk Onderzoek - Vlaanderen (FWO), host institution University of Antwerp, Faculty of Applied Economics, Department of Management
2007 - 2010	Doctoral assistant 'Professional and Technical Communication' University of Antwerp, Faculty of Applied Economics, Department of Management
2008 (Jan-Sept)	Leverhulme fellow (visiting Fellowship) Staffordshire University, Centre for Educational Psychology Research, Psychology and Mental Health, Faculty of Sciences
2002 - 2007	Assistent 'Business and Technical Communication' University of Antwerp, Faculty of Applied Economics, Department of Management
2000 - 2002	Research assistant (BOF) University of Antwerp (UFSIA), Faculty of Applied Economics, Department of Language and Communication

### Education

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#### PhD

June 22, 2007

Title PhD: Writing and Speech Recognition: Observing error correction strategies of professional writers.  
Utrecht University, Faculty of Humanities

#### University Degree

Language, Information & Communication | 1997 - 1999

Short education: Language and Communication

Thesis: The impact of text structure and linguistic markers on the text comprehension of elderly people.  
Katholieke Universiteit Brabant, Tilburg, The Netherlands

#### Non-university continued education

HSAO: Design and Communication | 1993 - 1997

Ichthus Hogeschool Rotterdam, The Netherlands

## Other:

Courses in academic professionalization via ECHO

(Expertise Center for Higher Education of Antwerp University)

Assistant-education (assistentenopleiding 30u) | 2003 – 2004

Teacher-education (docentenopleiding 60u) | 2009 – 2010

Multilevel modelling, R

## Current research projects

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### **Cognitive writing process characteristics in Alzheimer's disease**

Post-doc researcher: Mariëlle Leijten

Promotors: Luuk Van Waes & Koen Vandenbempt, University of Antwerp

Funding: Flanders Research Foundation

Period: 2013-2016 (50%)

For the diagnosis of Alzheimer's disease (AD), a large variety of neuropsychological tests are available. In some of these tests, linguistic processing - both oral and written - is an important factor. Language disturbances might serve as a strong indicator for an underlying neurodegenerative disorder like AD. However, the current diagnostic instruments for language assessment mainly focus on product measures, ignoring the importance of the process that leads to written or spoken language production.

In the current project we would like to test for the very first time the complementary diagnostic accuracy for AD, mainly focusing on cognitive and linguistic aspects that characterize the process of written language production. By adding a complementary process dimension to study language production, we hope to further improve the quality, efficiency and effectivity of this potential diagnostic tool. Moreover, on a more fundamental level, we would like to investigate analysing techniques to discriminate (grapho)motor activities from cognitive activities during writing.

The study consists of two procedural steps following clinical diagnosis: (1) a copy task and (2) two writing tasks based on similar figurative elicitations. The writing tasks will be logged via keystroke logging (Inputlog 6) and remote eye tracking (Tobii), allowing us to collect both fine grained writing process and eye fixation data. These insights will form the empirical basis to interpret inter- and intrapersonal writing characteristics in three groups of participants (Patients with mild dementia due to AD, Patients with mild cognitive impairment due to AD, and a group of age-matched healthy elderly).

### **Motoric, cognitive and linguistic writing process characteristics in Alzheimer's disease: A task validity, cross-sectional and longitudinal study.**

PhD-students: Lise Paesen, Catherine Meulemans

Promotors: Mariëlle Leijten, Sven De Maeyer & Peter Mariën

Funding: BOF DOCPRO-4 / FWO umbrella grant

Period: 2015-2019

Research has shown that Alzheimer (AD) patients manifest deterioration in language production. This research track aims to develop complementary tasks that enable researchers and clinicians to characterize the longitudinal decline of on-line written language production in AD. These aims will be addressed in three consecutive studies: a task-validity study, a cross-sectional study, and a longitudinal study.

Since findings from previous research indicate the need for a screening task that assesses multiple components of language, we will combine writing tasks that focus on motor and cognitive and linguistic aspects. The more general screening tasks (i.e., describing two pictures depicting a situation) that focus on the cognitive and linguistic aspects need to be validated first. The quality of the elicitation, and consequently of the screening tool, will benefit from a careful validation of the tasks at hand. Based on the findings of the task validity study, we will design an experimental cross-sectional study involving patients with mild cognitive impairment (MCI), mild AD and a healthy control group. The observation method used, keystroke logging, is non-intrusive, time-saving, and hence cost-reducing, when compared to other diagnostic tools. Finally, in a longitudinal study, the cross-sectional study will be replicated twice (after 6 and 12 months) in order to document the (potential) gradual cognitive decline.

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### **LIFT: improving pre-university students' performance in academic synthesis tasks with Level up Instructions & Feedback Tool**

Promotors: Gert Rijlaarsdam & Huub van den Bergh, University of Amsterdam & Utrecht University

Co-promotors: Luuk Van Waes & Mariëlle Leijten

Funding: NWO Nederland

Period: 2015-2019

Providing valid feedback on students' writing (process and product) and subsequent adaptive instruction is difficult for teachers. LIFT will provide progress feedback and instruction, based on national baseline data (including five grades: pre-university Grade10-12 – BA1-2). This data will provide the (1) feedback information ('text and process scales'), and (2) scales for adaptive modelling instruction (texts and processes). It also serves as the baseline for the intervention effects.

Three intervention studies (dependent variables: text processing and text quality) will test effects of:

(1) Feedback, varying (a) the object (texts versus process), (b) information (absolute versus relative) and subsequently,

(2) Object of adaptive strategy instruction (process versus text), based on proven strategy instruction programs.

New:

(1) use of national baseline data for providing feedback and instruction

(2) feedback on processes

(3) adapted use of video-taped peer models (students' next level of performance)

(4) focus on synthesis text processing.

### **Text production: the translator's writing competence unveiled**

In cooperation with Iris Schrijver (Promotor) and Isabelle Robert (Co-promotor)

Researcher: Margot Chauliac

Funding: STIMPRO

Period: October 2015-2016

Translation and writing are increasingly converging in the professional and educational fields, but it is unclear which competencies translators and writers actually share. This project examines how translation competence and writing competence are related, what writing competence of translators entails and how it is different from the writing competence of writers. The results can inspire a larger study on text-productive competence.

### **Inputlog: development of a logging tool for writing research**

In cooperation with Luuk Van Waes (Eric Van Horenbeeck, Tom Pauwaert, Joeri Rammelaere e.a.)

Funding: various

Period: 2003-present

A point of particular interest in writing research is the logging of the writing processes. Existing software programs make it possible to register, reconstruct and analyze online writing processes on several levels. However, these logging tools are or developed for specific applications, or are not adapted to the current Windows environment. Besides, neither of these logging tools have integrated the logging of the speech recognition mode. Therefore, we are developing a registration program that can easily be used in various Windows environments. Inputlog can log every input mode of the computer: keyboard, mouse & speech. A logging tool with these characteristics makes it easier to describe the writing process data and makes it possible to analyze them in more detail and more precisely involving more participants. Inputlog can also be merged with other process data like Morae and Eyelink II (more information: [www.inputlog.net](http://www.inputlog.net)).

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## Recent research projects

### Huygens ING

Promotor: Peter de Bruijne (at Huygens ING)

Team member: Mariëlle Leijten

Funding: Huygens ING

Budget: € 3750

Period: April 2016

Ondersteuning en advisering bij analyse en visualisatie van de output van inputlog en bij de uitwerking van de technische blauwdruk voor het vervolg van het project 'Het Literaire Werk 2.0'.

### Writing from multiple digital sources in a professional context

Post-doc researcher: Mariëlle Leijten

Promotors: Luuk Van Waes & Paul Matthysens, University of Antwerp

Funding: Flanders Research Foundation

Budget: € 252.000

Period: 2010-2013

Writing a business text, e.g. a report for a merger, is a very complex activity. Previous writing research had lead to various well-known writing process models. However, these models are primarily based on educational environments and single texts. Professional writers on the other hand often use multiple (digital) sources to succesfully write their business texts. It is important, especially in this digital age, in which (written) communication performs an important role, to describe these writing competences. This project, addresses the following research question: What writing processes and strategies are involved when professional writers write business texts from multiple (digital) sources?

### The influence of text representation on the reading-during-writing process

Promotors: Luuk Van Waes & Mariëlle Leijten, University of Antwerp

Post-doc researcher 2011-2012: Melissa Patchan ; 2013-2014: Milou de Smedt

Funding: NOI BOF UA 2010, University of Antwerp, Belgium

Budget: 170 000 euro

Period: 2011-2015

Professional writers frequently interrupt the text production process to monitor their text produced so far. So far, this process of "reading during writing" has not been studied. However, recent technological developments enable us to study reading behavior during writing. In our research we explore how (re)reading might shift the cognitive orientation of the writing process and the relation between reading and writing on the one hand and reading and revising on the other.

### Merging writing process data with lexica

Promotor: Luuk Van Waes, University of Antwerp

Co-promotors: Véronique Hosten & Lieve Macken (University College Ghent), Mariëlle Leijten

Period: 2010-2012

Funding Flemish Research Foundation (FWO), Belgium

Budget: 27 000 euro

More information: [www.inputlog.net](http://www.inputlog.net)

During the last 20 years writing research has focused explicitly on the analysis of writing processes. More recently, logging programs (like Inputlog) enabled researchers to record process data (e.g. keystrokes & pauses) in much more detail without interfering the cognitive activities. In the current project we aggregate the logged process data from the letter level (keystroke) to the word level by merging them with lexica and Naturally Language Processing tools. This creates a very valuable basis for more linguistically oriented writing process research.

### Previous research projects

- WritingPro: A Knowledge Center for Writing Process Research (in collaboration with a research group of Earli's sig Writing group, co-promotor Luuk Van Waes, Funding Bof & University of Antwerp)
- The influence of the text produced so far on writing processes of professional writers (In collaboration with: David Galbraith (Staffordshire University), Mark Torrance (Nottingham Trent University) & Luuk Van Waes; Leverhulme funding, 2008-2010)

- Text reduction in live subtitling with speech recognition (In collaboration with: Luuk Van Waes, Aline Remael & Bernard Dewulf; COF-AUHA BOF UA 2008, 2009-2010)
- Writing development and knowledge crafting (in collaboration with Eva Lindgren & Luuk Van Waes; no funding, 2008-2009)
- Writing and speech recognition: observing error correction strategies of professional writers (PhD, 2007)
- Using speech recognition for live subtitling: procedures for quality improvement (Antwerp University Association)
- The influence of Voice Recognition on the Writing Process: Cognitive and Stylistic Effects of Speech Technology on Writing Business Texts (BOF 2002)
- Text comprehension: the influence of text structure and linguistic markers (master thesis)

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## Publications

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### Publications in peer reviewed journals

*27 A-publications in ISI web of Science and VABB*

*475 citations - h-index: 11 - i11 index: 15 (papers with 5 or more citations are reported)*

Schrijver, I., Van Vaerenbergh, L., Leijten, M., & Van Waes, L. (2016). The impact of writing training on transediting in translation, analyzed from a product and process perspective. *Perspectives*, 24(2), 218-234. doi:10.1080/0907676X.2015.1040034

Van Waes, L., & Leijten, M. (2015). Fluency in writing: A multidimensional perspective on writing fluency applied to L1 and L2. *Computers and composition: An international journal*, 38, 79-95. doi: 10.1016/j.compcom.2015.09.012 (Impact factor: 1.329)

Leijten, M., Van Waes, L., Schriver, K., & Hayes, J. R. (2014). Writing in the workplace: Constructing documents using multiple digital sources. *Journal of Writing Research*, 5(3), 285-336. (This journal is peer reviewed and indexed in: MLA Bibliography, EBSCO, VABB, Scopus - to be indexed in ISI web of science, cited by 15)

De Smet, M., Brand-Gruwel, S., Leijten, M., & Kirschner, P. (2014). Electronic outlining as a writing strategy: Effects on students' writing products, mental effort and writing process. *Computers and Education*, 78, 352-366. doi: DOI: 10.1016/j.compedu.2014.06.010 (Impact factor: 2.775)

Leijten, M. (2014). Book review: Measuring writing [Review of the book Measuring Writing: Recent Insights into Theory, Methodology and Practices by E. Van Steendam, M. Tillema, G. Rijlaarsdam, & H. Van den Bergh, H. (Eds.)]. *Journal of Writing Research*, 6(1), 85-88.

Van Waes, L., Van Weijen, D., & Leijten, M. (2014). Learning to write in an online writing center: The effect of learning styles on the writing process. *Computers and Education*, 73, 60-71. doi: dx.doi.org/10.1016/j.compedu.2013.12.009 (Impact factor: 2.775, cited by 6)

Van Waes, L., Van Weijen, D., & Leijten, M. (2013). Het effect van leerstijlen op het schrijfproces in een online schrijfcentrum. In R. Boogaart & H. Jansen (Eds.), *Studies in Taalbeheersing* (Vol. 4, pp. 339-350). Assen: Van Gorcum. (VABB)

Van Waes, L., & Leijten, M. (2013). Vlot schrijven: een multidimensioneel perspectief op writing fluency. *Tijdschrift voor Taalbeheersing*, 35(2), 160-182. (VABB)

Leijten, M., & Van Waes, L. (2013). Keystroke Logging in Writing Research: Using Inputlog to Analyze and Visualize Writing Processes. *Written Communication*, 30(3), 358-392 | DOI: 10.1177/0741088313491692 (Impact factor: 1.062, cited by 57)

Van Waes, L., Leijten, M., & Remael, A. (2013). Live subtitling with speech recognition: causes and consequences of text reduction. *Across Languages and Cultures: A Multidisciplinary Journal for Translation and Interpreting Studies*, 14(1), 15-46. doi: 10.1556/Acr.14.2013.1.2 (VABB)

Quinlan, T., Loncke, M., Leijten, M., & Van Waes, L. (2012). Coordinating the Cognitive Processes of Writing. *Written Communication*, 29(3), 345-368. doi: 10.1177/0741088312451112 (impact factor: 1.062, cited by 9)

Lindgren, E., Leijten, M., & Van Waes, L. (2011). Adapting to the reader during writing. *Written Language & Literacy*, 14(2), 188-223. doi: 10.1075/wll.14.2.02lin (This journal is peer reviewed and indexed in: IBR/IBZ, INIST, Linguistic Bibliography/Bibliographie Linguistique, LLBA, MLA Bibliography, European Reference Index for the Humanities, Scopus)

Leijten, M., De Maeyer, S., & Van Waes, L. (2011). Coordinating sentence composition with error correction:

- A multilevel analysis. *Journal of Writing Research*, 2(3), 331-363. (This journal is peer reviewed and indexed in: MLA Bibliography, EBSCO, VAB, Scopus, cited by 5)
- Leijten, M., Van Waes, L., & Ransdell, S. (2010). Correcting Text Production Errors: Isolating the Effects of Writing Mode From Error Span, Input Mode, and Lexicality. *Written Communication*, 27(2), 189-227. doi: Doi 10.1177/0741088309359139 (Impact factor: 1.062, cited by 6)
- Van Waes, L., Leijten, M., & Quinlan, T. (2010). Reading during sentence composing and error correction: A multilevel analysis of the influences of task complexity. *Reading and Writing*, 23(7), 803-834. doi: DOI 10.1007/s11145-009-9190-x (Impact factor: 1.44, cited by 17)
- Wengelin, Å., Leijten, M., & Van Waes, L. (2010). Studying reading during writing: new perspectives in research. *Reading and Writing*, 23(7), 735-742. doi: DOI 10.1007/s11145-009-9187-5 (Impact factor: 1.44, cited by 9)
- Leijten, M., Janssen, D., & van Waes, L. (2010). Error correction strategies of professional speech recognition users: Three profiles. *Computers in Human Behavior*, 26(5), 964-975. doi: DOI 10.1016/j.chb.2010.02.010 (5-Year Impact Factor: 2.476, cited by 16)
- Van Waes, L., Leijten, M., & Van Weijen, D. (2009). Keystroke logging in writing research: Observing writing processes with Inputlog. *GFL-German as a foreign language*, 2(3), 41-64. (cited by 13)
- Van Waes, L., Leijten, M., & Van der Geest, T. (2006). Themanummer: Methoden en instrumenten voor schrijf- en leesonderzoek [SPECIAL ISSUE: Methods and Instruments for Reading and Writing Research]. *Tijdschrift voor Taalbeheersing*, 28(3).
- Van der Geest, T., Leijten, M., & Van Waes, L. (2006). Taalproductie en –verwerking onderzoeken met de computer [Researching language production and processing with the computer]. *Tijdschrift voor Taalbeheersing*, 28(3), 181-185.
- Leijten, M., & Van Waes, L. (2006). Schrijfprocessen registreren met Inputlog: Een data-analyse van de interactie met de 'reeds geproduceerde tekst' [Observing Writing Processes with Inputlog: A Data Analysis of the Interaction with the Text Produced so Far]. *Tijdschrift voor Taalbeheersing*, 28(3), 198-219.
- Leijten, M., & Van Waes, L. (2005). Writing with speech recognition: The adaptation process of professional writers with and without dictating experience. *Interacting with Computers*, 17(6), 736-772. doi: DOI 10.1016/j.intcom.2005.01.005 (Impact Factor:0.452, cited by 29)

### Chapters in peer reviewed books

- Van Waes, L., Leijten, M., Lindgren, E., & Wengelin, A. (2015). Keystroke logging in writing research: Analyzing online writing processes. In C. A. MacArthur, S. Graham & J. Fitzgerald (Eds.), *Handbook of Writing Research: Second edition* (pp. 410-427). New York / London: The Guilford Press. (cited by 6)
- Leijten, M., Van Waes, L. & Van Horenbeeck, E. (2015). Analyzing writing process data: A linguistic perspective. In G. Cisarlu (Ed.), *Writing(s) at the Crossroads: The process-product interface* (pp. 277-302). Amsterdam/Philadelphia: John Benjamins Publishing Company.
- Remael, A., Van Waes, L., & Leijten, M. (2014). Live subtitling with speech recognition: How to pinpoint the challenges. In D. Abend-David (Ed.), *Media and Translation: An Interdisciplinary Approach* (pp. 121-148). London: Bloomsbury.
- Schrijver, I., Van Vaerenbergh, L., Leijten, M., & Van Waes, L. (2014). The translator as a writer: Measuring the effect of writing skills on the translation product. In D. Knorr, C. Heine & J. Engberg (Eds.), *Methods in Writing Process Research Frankfurt am Main: Peter Lang MmbH*.
- Leijten, M., & Van Waes, L. (2012). Inputlog 4.0: Keystroke Logging in Writing Research. In M. Torrance, D. Alamargot, M. Castelló, F. Ganier, O. Kruse, A. Mangen, L. Tolchinsky & L. Van Waes (Eds.), *Learning to Write Effectively: Current Trends in European Research* (Vol. 25, pp. 363-366): Emerald Group Publishing Limited.
- Leijten, M., & Van Waes, L. (2012). Inputlog 4.0: Keystroke Logging in Writing Research. In M. Torrance, D. Alamargot, M. Castelló, F. Ganier, O. Kruse, A. Mangen, L. Tolchinsky & L. Van Waes (Eds.), *Learning to Write Effectively: Current Trends in European Research* (Vol. 25, pp. 363-366): Emerald Group Publishing Limited.
- Van Waes, L., Leijten, M., Wengelin, Å., & Lindgren, E. (2012). Logging tools to study digital writing processes. In V. W. Berninger (Ed.), *Past, present, and future contributions of cognitive writing research to cognitive psychology* (pp. 507-533). New York/Sussex: Taylor & Francis. (cited by 11)
- Van Waes, L., Leijten, M., Wengelin, Å., & Lindgren, E. (2011). Logging tools to study digital writing

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- processes. In V. W. Berninger (Ed.), *Past, present, and future contributions of cognitive writing research to cognitive psychology*. London: Psychology Press, Taylor & Francis Group. (cited by 11)
- Leijten, M. (2007). How do writers adapt to speech recognition software? The influence of learning styles on writing processes in speech technology environments. In M. Torrance, L. Van Waes & D. Galbraith (Eds.), *Writing and Cognition: Research and Applications* (Vol. 20, pp. 279-292). Oxford: Elsevier. (Cited by 5)
- Leijten, M., & Van Waes, L. (2006). Inputlog: New perspectives on the logging of on-line writing processes in a Windows environment. In K. P. H. Sullivan & E. Lindgren (Eds.), *Computer Key-Stroke Logging and Writing: Methods and Applications*. (Vol. 18, pp. 73-94). Oxford: Elsevier. (Cited by 79)
- Leijten, M., & Van Waes, L. (2006). Repair strategies in writing with speech recognition: The effect of experience with classical dictating. In L. Van Waes, M. Leijten & C. Neuwirth (Eds.), *Writing and Digital Media* (Vol. 17, pp. 31-46). Oxford: Elsevier.
- Neuwirth, C., Leijten, M., & Van Waes, L. (2006). Introduction to *Writing and Digital Media*. In L. Van Waes, M. Leijten & C. Neuwirth (Eds.), *Writing and Digital Media* (Vol. 17, pp. 1-8). Oxford: Elsevier.
- Van Waes, L., & Leijten, M. (2006). Logging writing processes with Inputlog. In L. Van Waes, M. Leijten & C. Neuwirth (Eds.), *Writing and Digital Media* (Vol. 17, pp. 158-166). Oxford: Elsevier. (Cited by 37)
- Leijten, M., & Van Waes, L. (2003). De invloed van spraakherkenning op het schrijfproces van beginnende gebruikers: Een case-study. In L. Van Waes, P. Cuvelier, G. Jacobs & I. De Ridder (Eds.), *Studies in Taalbeheersing* (Vol. 25, pp. 325-341). Assen: Koninklijke Van Gorcum.
- Leijten, M. (2002). Spreken tegen de computer: de computer spreekt tegen. In R. Haest, L. Van Waes & D. Caluwé (Eds.), *Communicatief bekeken: liber amicorum Stijn Verrept* (pp. 115-123). Mechelen: Kluwer.
- Leijten, M., & Van Waes, L. (2001). The impact of text structure and linguistic markers on the text comprehension of elderly people. In L. Degand, Y. Bestgen, W. Spooren & L. Van Waes (Eds.), *Multidisciplinary approaches to discourse* (pp. 21-29). Münster/Amsterdam: Nodus Publikation.

#### **Book**

Leijten (2007). *Writing and Speech Recognition: Observing Error Correction Strategies of Professional Writers*, Doctoral Dissertation, LOT-school Utrecht, 300 p.

#### **Book of which I was editor**

Van Waes, L., Leijten, M., & Neuwirth, C. (Eds.). (2006). *Writing and Digital Media* (Vol. 17). Oxford: Elsevier. (Cited by 23)

#### **Conference proceedings**

- Macken, L., Hoste, V., Leijten, M., & Van Waes, L. (2012). From keystrokes to annotated process data: Enriching the output of Inputlog with linguistic information. *Proceedings of the Eight International Conference on Language Resources and Evaluation (LREC'12)*(pp. 2224-2229), Istanbul, Turkey.
- Leijten, M., Macken, L., Hoste, V., Van Horenbeeck, E., & Van Waes, L. (2012). From Character to Word Level: Enabling the Linguistic Analyses of Inputlog Process Data. In: M. Piotrowski, C. Mahlow & R. Dale (Eds.), *European Association for Computational Linguistics, EACL - Computational Linguistics and Writing (CL&W 2012): Linguistic and Cognitive Aspects of Document Creation and Document Engineering* (pp. 1-8). Retrieved from <http://aclweb.org/anthology/W/W12/W12-03.pdf> (cited by 9)
- Leijten, M., & Van Waes, L. (2007). Schrijven (z)onder handen: Het gebruik van procesregistraties in het schrijfonderwijs. In A. Van Gelderen (Ed.), *Het schoolvak Nederlands (HSN21)* (pp. 121-123). Gent: Academia Press.
- Leijten, M., & Van Waes, L. (2001). The influence of voice recognition on the writing process cognitive and stylistic effects of speech technology on writing business texts. *Human-Computer Interaction - Interact'01*, 783-784.

#### **Internal reports**

- Leijten, M., & Van Waes, L. (2015). *Inputlog 7.0: Interactive help documentation* (pp. 128). Antwerp: University of Antwerp.
- Leijten, M., & Van Waes, L. (2014). *Inputlog 6.0 Help* (pp. 127). Antwerp: University of Antwerp.
- Leijten, M., Van Waes, L., Van Horenbeeck, E., & Pauwaert, T. (2013). *Manual of Inputlog - version 6* (pp. 39). Antwerp: University of Antwerp/Flanders Research Foundation (FWO).
- Van Horenbeeck, E., Pauwaert, T., Van Waes, L., & Leijten, M. (2012). A generic XML-structure for logging human computer interaction (D. o. Management, Trans.) (pp. 13). Antwerp: University of Antwerp.
- Van Horenbeeck, E., Pauwaert, T., Van Waes, L., & Leijten, M. (2012). S-notation: S-notation markup rules

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- (Technical Description) (D. o. Management, Trans.) (pp. 7). Antwerp: University of Antwerp.
- Luyckx, B., Delbeke, T., Van Waes, L., Leijten, M., & Remael, A. (2010). Live Subtitling with Speech Recognition: Causes and Consequences of Text Reduction (D. o. Management, Trans.) (pp. 36). Antwerp: University of Antwerp. (cited by 7)
- Quinlan, T., Loncke, M., Leijten, M., & Van Waes, L. (2009). Writers' shift between error correction and sentence composing: Competing and the executive function Research paper (pp. 29). Antwerp: University of Antwerp.
- Leijten, M., De Ridder, I., Ransdell, S., & Van Waes, L. (2007). The effect of errors in the text produced so far strategy decisions based on error span, input mode, and lexicality. Research paper, University of Antwerp, Faculty of Applied Economics, 9, 33.
- Leijten, M., & Van Waes, L. (2005). Inputlog: A logging tool for the research of writing processes Research Papers, Faculty of Applied Economics (Vol. Department of Management - Faculty of Applied Economics, pp. 22). Antwerp: University of Antwerp. (Cited by 21)
- Leijten, M., & Van Waes, L. (2003). The writing processes and learning strategies of initial users of speech recognition: a case study on the adaption process of two professional writers, Research paper (pp. 29). Antwerp: University of Antwerp. (Cited by 8)

### Other publications

- Leijten, M., & Van den Haak, M. (2005). Als het nieuwe er een beetje af is: Een kritische blik op nieuwe technologieën. *Tekst[blad]*, 11(2), 65-69.
- Leijten, M., & Loorbach, N. (2004). Communicatiemanagement: mediumgebruik, leiderschap & teams. *Tekst[blad]*, 10(2), 65-68.
- Leijten, M., & Van Waes, L. (2002). De structuur van PowerPointpresentaties: De 'lijn' van het verhaal zichtbaar maken. *Tekst[blad]*, 8(4), 55-59.
- Van Waes, L., Leijten, M., & Van Steendam, E. (2002). Communicatie digitaal bekeken. *Tekst[blad]*, 8(1), 65-71.
- Van Waes, L., & Leijten, M. (2003). De 'kracht' van PowerPoint-presentaties: De techniek voorbij [The 'power' of PowerPoint presentations: Beyond the technical aspects]. *Vonk: Tijdschrift voor moedertaal didactiek*, 33(1), 15-26.

### Reviewer

Language Learning  
Educational Psychology  
International Journal of Human Computer Behavior  
Computers and Composition  
Technical communication  
The modern language journal  
Journal of Writing Research  
Elsevier (book on Keystroke logging)  
Tijdschrift voor Taalbeheersing  
Tekstblad: short descriptions

### Conferences

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- Leijten, M & Van Waes, L. (2016). Introduction to Inputlog 7 - Collecting keystroke logging data and preparing data for analysis. Presentation at TPR-2016 workshop at **Renmin University, Beijing**.
- Leijten, M & Van Waes, L. (2016) Inputlog 7: Preprocessing and postprocessing. Presentation at TPR-2016 workshop at Renmin University, Beijing.
- Leijten, M & Van Waes, L. (2016). Analysing and visualisation techniques of multiple sources. Presentation at TPR-2016 workshop at Renmin University Beijing.
- Van Waes, L., & Leijten, M. (2016). Using a Copy task in Keystroke Logging: Defining personal keyboard skills. Presentation at the Translation Process Research (TPR) Workshop, Beijing, Renmin University, China.
- Van Waes, L., & Leijten, M. (2016). Pauses in Keystroke Logging: technical and theoretical Perspective. Presentation at the Translation Process Research (TPR) Workshop, Beijing, Renmin University, China.
- Van Waes, L., & Leijten, M. (2016). Studying writing processes: Keystroke logging in writing research. Presentation at the Translation Process Research (TPR) Workshop, Beijing, Renmin University, China.
- Van Waes, L., & Leijten, M. (2016). Fluency in Writing Processes. Presentation at the Translation Process



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- Research (TPR) Workshop, Beijing, Renmin University, China.
- Vangehuchten, L., Leijten, M. & Schrijver, S. (2016). *La competencia de redacción profesional en español como lengua extranjera: un estudio empírico (español)*. Paper presentation at the Encuentro de Lingüística Hispánica en Bélgica Faculteit Letteren en Wijsbegeerte. Universiteit Antwerpen Con la colaboración del Centro de Estudios Mexicanos (Universiteit Antwerpen) y la Consejería de Educación en Bélgica, Países Bajos y Luxemburgo (Gobierno de España).
- Paesen, L., Leijten, M. & Mariën, P. (2016). *Congeneric task construction for elicited writing tasks*. Paper session presented at the Sig Writing Conference 2016, Liverpool Hope University.
- Chauliac, M., Schrijver, I., Leijten, M. & Robert, I. (2016). *Text production: The writing competence of translators revealed*. Paper session presented at the Sig Writing Conference 2016, Liverpool Hope University.
- Schrijver, I., Van Santen, F., Chauliac, M., Leijten, M. & Robert, I. (2016). *The interrelatedness of translation competence and writing competence: an empirical study*, Paper presentation at DiDTrans-conference, Universitat Autònoma de Barcelona.
- Vangehuchten, L., Leijten, M. & Schrijver, S. (2016). *Leer, resumir y redactar: una comparación empírica de la competencia de redacción profesional en la lengua materna y una lengua extranjera (español)*. Paper presentation at the Global Advances in Business and Communication conference (GABC) ABC Caribbean, Mexico, and Central & South America Joint Tri-continental conference Tecnológico de Monterrey.
- Leijten, M., & Van Waes, L. (2016). Keystroke logging in writing research: An introduction to Inputlog 7.1. Paper presented at the Workshop: Using Keystroke Logging in Writing Research, **MIT, Boston, USA**.
- Leijten, M., & Van Waes, L. (2016). Linguistic analysis of keystroke logging data. Paper presented at the Workshop: Using Keystroke Logging in Writing Research, MIT, Boston, USA.
- Leijten, M., & Van Waes, L. (2016). Workshop: Analyzing keystroke logging data: Advanced techniques. Paper presented at the Workshop: Using Keystroke Logging in Writing Research, MIT, Boston, USA.
- Van Waes, L., & Leijten, M. (2016). Workshop: Introduction to Inputlog: Collecting KSL data and preparing data for analysis. Paper presented at the Workshop: Using Keystroke Logging in Writing Research, MIT, Boston, USA.
- Van Waes, L., & Leijten, M. (2016). Analyzing pausing and revisions behavior. Paper presented at the Training school: Writing process research: keystroke logging, MIT, Boston, USA.
- Van Waes, L., & Leijten, M. (2016). Measuring writing fluency. Paper presented at the Training school: Writing process research: keystroke logging, MIT, Boston, USA.
- Leijten, M., & Van Waes, L. (2016). Keystroke logging in writing research: An introduction. Paper presented at the **Training school: Writing process research: keystroke logging, Antwerp**.
- Leijten, M., & Van Waes, L. (2016). Linguistic aspects of writing processes. Paper presented at the Training school: Writing process research: keystroke logging, Antwerp.
- Leijten, M., & Van Waes, L. (2016). Workshop: Analyzing keystroke logging data: Advanced techniques. Paper presented at the Training school: Writing process research: keystroke logging, Antwerp.
- Van Waes, L., & Leijten, M. (2016). Workshop: Logging and analyzing keystroke logging data with Scriptlog and Inputlog 7.1: An introduction. Paper presented at the Training school: Writing process research: keystroke logging, Antwerp.
- Paesen, L., Leijten, M. (2016). *Congeneric task construction*. Paper session presented at the Training School Writing Process Research: Keystroke Logging, University of Antwerp.
- Van Waes, L., & Leijten, M. (2016). Writing dynamics, pausing behavior and fluency. Paper presented at the Training school: Writing process research: keystroke logging, Antwerp.
- Leijten, M., & Van Waes, L. (2015). Writing process characteristics in Alzheimer's disease: A cognitive-linguistic analysis of pausing behavior. Paper presented at the Challenging Boundaries - 42nd International Systemic Functional Congress, RWTH Aachen University, Germany.
- Leijten, M., Van Waes, L., Van Horenbeeck, E., Mariën, P., & Engelborghs, S. (2015). Cognitive writing process characteristics in Alzheimer's disease: The influence of motor characteristics. Paper presented at the The writing process of persons with acquired writing difficulties, University of Antwerp.
- Drijbooms, E., Leijten, M., & Behrns, I. (2015). Cognitive writing process characteristics of aphasia patients: A case study. Paper presented at the The writing process of persons with acquired writing difficulties, University of Antwerp.
- Meulemans, C., Chauliac, M., & Leijten, M. (2015). Task validity and task construction of screening tasks in longitudinal research. Paper presented at the The writing process of persons with acquired writing

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- difficulties, University of Antwerp.
- Van Waes, L., Leijten, M., Mariën, P., & Engelborghs, S. (2015). Writing competencies in Alzheimer's disease: An exploration of copy tasks. Paper presented at the The writing process of persons with acquired writing difficulties, University of Antwerp.
- Van Waes, L., Leijten, M., Opdenacker, L., & Van Weijen, D. (2015). Writing in a digital writing center: Blended learning, learning styles and writing styles [Dutch: Schrijven in een digitaal schrijfcentrum: Blended learning, leerstijlen en schrijfprocessen]. Paper presented at the Symposium Education and Innovation, University of Antwerp.
- Leijten, M., Drijbooms, E., & Behrns, I. (2015). Cognitive writing process characteristics of aphasia patients: A case study. Paper presented at the Future Directions For Aphasia Research, City University London.
- Van Waes, L. & Leijten, M. (2015). Keystroke logging in writing process research: State of the art. Paper presented at the CCCC-conference, Tampa, USA.
- Leijten, M., Van Waes, L., Van Horenbeeck, E., Mariën, P., & Engelborghs, S. (2014). Cognitieve schrijfproceskenmerken van mensen met Alzheimer. Paper presented at the VIOT, Leuven.
- Van Waes, L., Leijten, M., Van Horenbeeck, E., Mariën, P., & Engelborghs, S. (2014). Kopieertaken als instrument in cognitief schrijfprocesonderzoek. Paper presented at the VIOT, Leuven, Belgium.
- Leijten, M. (2014). Writing. Composing. & Keystroke Logging. Paper presented at the opleiding Woordkunst (Gastlezing), Koninklijk Atheneum - Artesis Plantijn Hogeschool Antwerpen.
- Leijten, M., Engelborghs, S., Van der Musselle, S., Van Horenbeeck, E., Mariën, P., & Van Waes, L. (2014). Cognitive writing process characteristics in Alzheimer's disease. Paper presented at the Conference on Writing Research, University of Amsterdam, the Netherlands.
- Van Waes, L., & Leijten, M. (2014). Writing fluency: An approach to fluency including digital sources. Paper presented at the Conference on Writing Research, University of Amsterdam, The Netherlands.
- De Smet, M., Leijten, M., & Van Waes, L. (2014). Defining the process of reading during writing using keystroke logging and eye tracking. Paper presented at the Conference on Writing Research, University of Amsterdam, The Netherlands.
- Schrijver, I., Van Vaerenbergh, L., Leijten, M., & Van Waes, L. (2014). Writing in translation: measuring the impact of writing training on the translation performance of translation students and professionals. Paper presented at the Conference on Writing Research, University of Amsterdam, The Netherlands.
- Van Waes, L., & Leijten, M. (2014). Inputlog 6.0: a research tool for logging and analyzing writing process data. Paper presented at the Research school on Writing, Utrecht University, The Netherlands.
- Leijten, M., & Van Waes, L. (2014). Inputlog 6.0: workshop. Paper presented at the Research school on Writing, Utrecht University, The Netherlands.
- Schrijver, I., Van Vaerenbergh, L., Leijten, M., & Van Waes, L. (2014). Writing training for translation students: Does it lead to a better translation performance? Paper presented at the 2nd International Conference on Research into the Didactics of Translation, Universitat Autònoma, Barcelona, Spain.
- Leijten, M., & Van Waes, L. (2014). Inputlog 6.0: Source and linguistic analysis. Paper presented at the Keystroke logging training school, Antwerp.
- Leijten, M., & Van Waes, L. (2014). Inputlog 6.0: state of the art. Paper presented at the Keystroke Logging Training School 2014, Antwerp.
- Van Waes, L., & Leijten, M. (2014). Inputlog 6.0: Pause and fluency analysis. Paper presented at the Keystroke logging training school, Antwerp.
- Van Waes, L., & Leijten, M. (2014). Inputlog 6.0: workshop. Paper presented at the Keystroke logging training school, Antwerp.
- De Smet, M., Leijten, M., & Van Waes, L. (2014). Inputlog 6.0: Eye tracking. Defining reading during writing. Paper presented at the Keystroke logging training school, Antwerp.
- Leijten, M., & Van Waes, L. (2014). Information seeking in professional writing: twitter and e-mail communication. Paper presented at the Writing across Border III, Paris.
- Van Waes, L., & Leijten, M. (2014). The dynamics of spelling homophone verbs: The effect of SV-distance and frequency on pausing behavior. Paper presented at the Writing Across Borders III, Paris.
- Leijten, M. (2014). Analyzing writing processes via keystroke logging: Inputlog. Paper presented at the Symposium on writing research methods, Gothenburg.
- De Smet, M., & Leijten, M. (2014). Using Inputlog to analyze and visualize writing processes. Paper presented at the Workshop: Methods in online processing of reading and writing, Nijmegen.
- Van Waes, L., Leijten, M., & Vanhauwaert, M. (2014). Het schrijvershoofd ontbloot. Schrijfprocessen. Paper presented at the Schrijverscongres, De Singel, Antwerpen.

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- Leijten, M., & Van Waes, L. (2013). Workshop: Analyzing professional writing from multiple sources via keystroke logging with Inputlog. Paper presented at the X. Prowitec Symposium: Methods in Writing Process Research, Hamburg.
- Leijten, M., & Van Waes, L. (2013). Using keystroke logging in a professional writing setting: analyses techniques based on Inputlog data. Paper presented at the Symposium Professional Writing: From keystroke logging corpus to textometry, Centre de Linguistique française, Sorbonne, Paris.
- Van Waes, L., & Leijten, M. (2012). Fluency revisited. Paper presented at the 13th International Conference of the EARLI Special Interest Group on Writing, Porto, Portugal.
- Van Waes, L., Leijten, M., Macken, L., & Hoste, V. (2012). From Character to Word Level: Enabling the Linguistic Analyses of Inputlog Process Data. Paper presented at the Computational Linguistics and Writing (CLW), Avignon, France.
- Van Waes, L., Leijten, M., Van Horenbeeck, E., & Pauwaert, T. (2012). A generic XML-structure for logging human computer interaction. Paper presented at the 13th International Conference of the EARLI Special Interest Group on Writing, Porto, Portugal.
- De Smet, M., Brand-Gruwel, S., Kirschner, P., & Leijten, M. (2012). Writing argumentative texts: The effects of electronic outlining on students' writing product and process. Paper presented at the ICO Fall School 2012, Girona, Spain.
- De Smet, M., Brand-Gruwel, S., Kirschner, P., & Leijten, M. (2012). Writing argumentative texts: The effects of electronic outlining on students' writing product and process. Paper presented at the EARLI SIG Writing, Porto, Portugal.
- De Smet, M., Brand-Gruwel, S., Leijten, M., & Kirschner, P. (2012). Het effect van een elektronische outline-tool op het schrijfproduct en schrijfproces [The effect of an electronic outline tool on the writing product and writing process]. Paper presented at the Onderwijs Research Dagen [Educational Research Days], Wageningen, The Netherlands.
- Elst, I., Van Waes, L., & Leijten, M. (2012). Het effect van leerstijl en persoonlijkheid op observationale learning in Calliope [The effect of learning style and self-efficacy on observational learning in Calliope]. Paper presented at the Onderwijs Research Dagen (ORD 2012), Wageningen, The Netherlands.
- Leijten, M., & Van Waes, L. (2012). Inputlog 5.1. Paper presented at the 13th International Conference of the EARLI Special Interest Group on Writing, Porto, Portugal.
- Leijten, M., & Van Waes, L. (2012). Keystroke logging in a Windows environment via Inputlog (5.1). Paper presented at the Measuring Behavior 2012 conference, Utrecht, The Netherlands.  
[http://www.inputlog.net/download\\_presentations.html](http://www.inputlog.net/download_presentations.html)
- Leijten, M., & Van Waes, L. (2012). Keystroke logging in a Windows environment via Inputlog (5.1). Paper presented at the Symposium Writing Research in Education, Nanjing University, Jinan, China.
- Leijten, M., & Van Waes, L. (2012). Methods in experimental writing research. Paper presented at the CAiAC Research Summer School, Universitat Autònoma de Barcelona, Spain.
- Leijten, M., & Van Waes, L. (2012). Professional writing from multiple sources. Paper presented at the 13th International Conference of the EARLI Special Interest Group on Writing, Porto, Portugal.
- Leijten, M., & Van Waes, L. (2012). Setting up experiments through Inputlog. Paper presented at the CAiAC Research Summer School, Universitat Autònoma de Barcelona, Spain.
- Leijten, M., & Van Waes, L. (2012). Triangulating research: eye-tracking, keystroke logging and thinking aloud. Paper presented at the CAiAC Research Summer School, Universitat Autònoma de Barcelona, Spain.
- Leijten, M., & Van Waes, L. (2012). Using keystroke logging in writing research: An introduction to Inputlog. Nanjing University, China. [http://www.inputlog.net/download\\_presentations.html](http://www.inputlog.net/download_presentations.html)
- Leijten, M., & Van Waes, L. (2012). Using keystroke logging in writing research: An introduction to Inputlog. Paper presented at the Symposium Writing Research in Education, Nanjing University, China.
- Leijten, M., Van Waes, L., & Van Horenbeeck, E. (2012). A generic XML-structure for logging human computer interaction with the computer. Paper presented at the COST Conference 2012, Action ISO703 - ERN-LWE "European Research Network on Learning to Write Effectively", Poitiers, France.
- Leijten, M., De Smet, M., & Van Waes, L. (2011). Slecht nieuwsbrieven als genre: leren via observaties van studenten en experts. [Writing bad news letters: Learning through observation of students and experts]. Paper presented at the ORD conference - Passion for learning, Onderwijsresearchdagen, Maastricht University,

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School of Business and Economics, The Netherlands.

- Leijten, M., & Van Waes, L. (2011). Keystroke logging: Introduction Paper presented at the Summer school "Writing Process Research 2011: Keystroke logging & eye tracking.", University of Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2011). Observing and analysing digital writing processes with Inputlog: How do writers use multiple sources to write a tweet? . Paper presented at the Key 2011: Keystroke Language (and Text) Production: Perspectives from cognitive and functional linguistics, Cardiff, Wales, United Kingdom. <http://webhost.ua.ac.be/mleijten/presentations.html>
- Leijten, M., & Van Waes, L. (2011). Preparing Keystroke logging data, part I Paper presented at the Summer school "Writing Process Research 2011: Keystroke logging & eye tracking.", University of Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2011). Preparing Keystroke logging data, part II. Paper presented at the Summer school "Writing Process Research 2011: Keystroke logging & eye tracking.", University of Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2011). Tell me how you type, and I will tell you how you write – The use of keystroke logging in writing research. Paper presented at the Vortragsreihe des Forschungsverbundes Educational Linguistics, Zentrum für Medien und Interaktivität, Justus-Liebig-Universität Gießen, Gießen, Germany.
- Leijten, M., Van Waes, L., Galbraith, D., & Torrance, M. (2011). The influence of working memory on error correction strategies during sentence production. Paper presented at the 4th International Conference on Writing Research: Writing Research Across Borders II, George Mason University, Washington D.C./Northern Virginia, United States.
- Leijten, M., Van Waes, L., & Remael, A. (2011). Live subtitling with speech recognition: Causes and consequences of revisions in the production process. Paper presented at the Third International Symposium on Live Subtitling: Exploring new avenues and new contexts, Antwerp, Belgium
- Leijten, M., Van Waes, L., & Van Weijen, D. (2011). Professional Writing in a Digital Writing Center: The Effect of Learning Styles on the Learning and Writing Process. Paper presented at the 4th International Conference on Writing Research: Writing Research Across Borders II, George Mason University, Washington D.C./Northern Virginia, United States.
- Van Waes, L., & Leijten, M. (2011). Analyzing Keystroke logging data. Paper presented at the Summer school "Writing Process Research 2011: Keystroke logging & eye tracking.", University of Antwerp, Belgium.
- Leijten, M., Janssen, D., Jansen, F., & Van Waes, L. (2010). Effects of politeness strategies and directness in Dutch and Belgium bad news letters. Paper presented at the 10th ABC Europe convention & 2nd GABC conference, Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2010). Schriftelijke slechtnieuwscommunicatie: wat leren we uit onderzoek? [Communicating bad news in writing: What do we learn from research?]. Paper presented at the Conference of BVIC, the Belgian Association for Internal Communication, Brussels, Belgium.
- Leijten, M., Van Waes, L., & Janssen, D. (2010). Cognitive processes of writers of bad news letters. Paper presented at the 10th ABC Europe convention & 2nd GABC conference, Antwerp, Belgium.
- Van Waes, L., & Leijten, M. (2010). The dynamics of typing errors in text production. Paper presented at the SIG Writing 2010, 12th International Conference of the Earli Special Interest Group on Writing, Heidelberg, Germany.
- Leijten, M. (2009). Reading during writing of single texts and from multiple sources: The effect of the text produced so far. Paper presented at the COST Action Learning to Write Effectively, working group 4 Technological Advances Workshop, Barcelona, Spain.
- Leijten, M., & Van Waes, L. (2009). Building a Knowledge Center of writing process research. Paper presented at the Earli Conference: 13th Biennial conference of the European Association for Research on Learning and Instruction, Amsterdam, The Netherlands.
- Leijten, M., & Van Waes, L. (2009). The influence of working memory on sentence production. Paper presented at the Earli Conference: 13th Biennial conference of the European Association for Research on Learning and Instruction, Amsterdam, The Netherlands.
- Leijten, M., & Van Waes, L. (2009). Key transitions and typing errors. Paper presented at the Earli Conference: 13th Biennial conference of the European Association for Research on Learning and Instruction, Amsterdam, The Netherlands.
- Leijten, M., & Van Waes, L. (2009). Observing and Analysing Translation Processes. Paper presented at the Media For All, 3rd International Conference: Quality made to measure, Antwerp, Belgium.

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- Luyckx, B., van Waes, L., Leijten, M., Remael, A., & Delbeke, T. (2009). Live subtitling with speech recognition: causes of text reduction. Paper presented at the Media For All, 3rd International Conference: Quality made to measure, Antwerp, Belgium.
- Delbeke, T., Leijten, M., Remael, A., & Van der Veer, B. (2008). Text reduction and delay in live subtitling with speech technology [Tekstreductie en delay bij live ondertiteling met spraakherkenning. Paper presented at the VIOT-congres, Amsterdam, The Netherlands.
- Delbeke, T., Remael, A., Van Waes, L., & Leijten, M. (2008). Live Subtitling with Speech Recognition. An Analysis of Text Reduction, Delay and Error Production. Paper presented at the ICWE Conference on Languages and the Media, Berlin, Germany.
- Delbeke, T., Van de Veer, B., Remael, A., Van Waes, L., & Leijten, M. (2008). Real Time Subtitling. Paper presented at the Audiovisual Translation Conference 2008: Multidisciplinary Approaches, Université Montpellier, France.
- Leijten, M., & Van Waes, L. (2008). The interpretation of pause-clusters in writing processes. Paper presented at the Earli SIG Writing 2008, Lund, Sweden.
- Leijten, M., & Van Waes, L. (2008). Revision strategies of professional users of speech technology writing business texts [Correctiestrategieën van professionele spraakherkenningsgebruikers tijdens het schrijven van zakelijke teksten]. Paper presented at the VIOT-congres, Amsterdam, The Netherlands.
- Leijten, M., Van Waes, L., & Verlinden, N. (2008). Observing writing and analyzing revisions with Inputlog. Paper presented at the Writing Research Across Borders 2008, Santa Barbara, USA.
- Leijten, M., Van Waes, L., & Verlinden, N. (2008). Recursivity in writing processes: observation and analysis [Recursiviteit in schrijfprocessen observeren en analyseren]. Paper presented at the VIOT-congres, Amsterdam, The Netherlands.
- Lindgren, E., Van Waes, L., & Leijten, M. (2008). Writing development and knowledge crafting. Paper presented at the Writing Research Across Borders 2008, Santa Barbara, USA.
- Quinlan, T., Loncke, M., Van Waes, L., & Leijten, M. (2008). Writers' shift between error-correcting and sentence composing. Paper presented at the Writing Research Across Borders 2008, Santa Barbara, USA.
- Van Waes, L., & Leijten, M. (2008). The effect of errors in the text produced so far on writing strategies of professional writers. Paper presented at the Writing Research Across Borders 2008, Santa Barbara, USA.
- Leijten, M., Quinlan, T., Loncke, M., & Van Waes, L. (2007). Writers juggling error-detecting with sentence composing: Influences of cognitive load and error-type. Paper presented at the EARLI 2007 - 12th Biennial Conference for Research on Learning and Instruction, Budapest, Hungary.
- Leijten, M., Janssen, D., & Van Waes, L. (2006). Methodological developments in writing research. Paper presented at the Conference on Discourse, Cognition and Communication, University of Utrecht, The Netherlands.
- Leijten, M., Quinlan, T., Loncke, M., & Van Waes, L. (2006). Writers shifting between generating, error-detecting, and correcting. Paper presented at the 10th Earli SIG Writing Conference 2006, Antwerp, Belgium.
- Leijten, M., Ransdell, S., & Van Waes, L. (2006). Working Memory and Error Analysis in Writing. Paper presented at the 10th Earli SIG Writing Conference 2006, Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2006). Combining keystroke logging and speech logging: Using Inputlog to observe writers who use speech recognition as a writing medium. Paper presented at the 10th Earli SIG Writing Conference 2006, Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2006). Inputlog: A registration program for writing processes. Paper presented at the ABLA Conference - Association Belge de Linguistique Appliquée (Belgische Vereniging voor Toegepaste Linguïstiek, Brussels, Belgium.
- Leijten, M., & Van Waes, L. (2006). New developments in Inputlog: The integration of keystroke logging & speech logging. Paper presented at the 10th Earli SIG Writing Conference 2006, Antwerp, Belgium.
- Leijten, M., Verlinden, N., & Van Waes, L. (2006). Ontwikkeling van nieuwe computerapplicaties gebaseerd op schrijfonderzoek [The development of new computer applications based on writing research]. Paper presented at the Onderzoeksdag 'Partners in onderzoek', Associatie Universiteit & Hogescholen Antwerpen, Belgium.
- Leijten, M., & Van Waes, L. (2005). Inputlog: Accessing and analysing the process of writing. Paper presented

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- at the Computers & Writing 2005 Stanford, USA.
- Leijten, M., & Van Waes, L. (2005). Writing business texts with speech recognition software: The adaptation to the visibility of 'the text produced so far'. Paper presented at the Computers & Writing, Stanford, USA.
- Leijten, M., Van Waes, L., & De Ridder, I. (2005) Foutdetectie in het schrijfproces: een taakanalyse van foutgrootte, schrijfmodus en lexicaliteit. Paper presented at the VIOT-congres, Nijmegen, The Netherlands.
- Leijten, M., Van Waes, L., & Van Hout, T. (2005) Van persbericht naar krantenartikel: naar een online registratie van journalistieke herschrijfprocessen met Inputlog. Paper presented at the VIOT-congres, Nijmegen, The Netherlands.
- Leijten, M., & Van Waes, L. (2004). The Effect of Speech Technology on Writing Business Texts. Paper presented at the Association of Business Communication, ABC Annual Convention 2004, Cambridge, USA.
- Leijten, M., & Van Waes, L. (2004). The influence of writing modes on the writing process: What can different writing modes teach us about the cognitive processes involved in writing business texts? Paper presented at the Association of Business Communication, ABC Annual Convention 2004, Cambridge, USA.
- Leijten, M., & Van Waes, L. (2004). Inputlog: a logging tool for research on writing processes in a Windows environment. Paper presented at the EARLI SIG Writing 2004, Geneva, Switzerland.
- Leijten, M., & Van Waes, L. (2004). Writing business texts with speech recognition software: the effect of the visibility of the 'text produced so far'. Paper presented at the EARLI SIG Writing 2004, Geneva, Switzerland.
- Leijten, M., Ackerman, I., & Van Waes, L. (2003). Talking to the computer? Differences in adaptation strategies of initial users of speech recognition systems. Paper presented at the EARLI 2003, 10th Biennial Conference Improving Learning, Fostering the Will to Learn, Padova, Italy.
- Leijten, M. (2002). Text comprehension of young and old people: The impact of text structure and linguistic markers. Paper presented at the Sociolinguistics Symposium 14, Gent, Belgium.
- Leijten, M., & Van Waes, L. (2002). De invloed van spraakherkenning op het schrijfproces van initiële gebruikers. Paper presented at the VIOT 2002, Antwerp, Belgium.
- Leijten, M., & Van Waes, L. (2002). How do writers adapt to speech recognition? Paper presented at the Writing 02, 8th International Conference of the European Association for Research on Learning and Instruction Writing Special Interest Group, Stafford, UK.
- Leijten, M., & Van Waes, L. (2001). The adaptation Process of Writers Using Speech Technology: An Analyses of Writing Processes and Learning Strategies of Initial Users. Paper presented at the EARLI 2001, 9th European Conference for Research on Learning and Instruction, Fribourg, Switzerland.
- Leijten, M., & Van Waes, L. (2001). The Impact of Text Structure and Linguistic Markers on the Text Comprehension of Elderly People. Paper presented at the MAD 01, 4th International Workshop on Multidisciplinary Approaches to Discourse, Iltre, Belgium.
- Van Waes, L., & Leijten, M. (2001). The influence of Voice Recognition on the Writing Process: Cognitive and Stylistic Effects of Speech Technology on Writing Business Texts. Paper presented at the Interact 2001, 8th IFIP TC.13 Conference on Human-Computer Interaction, Tokyo, Japan.

## Guest lectures

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- Leijten, M., & Meulemans, C. (2015). Invited presentation. Onderzoek naar schrijfproceskenmerken bij MCI-en Alzheimerpatiënten. Paper presented at the Lab Meetings, Institute Borne-Bunge, University of Antwerp.
- Leijten, M. (2014). Analyzing writing processes via keystroke logging: Inputlog. Invited workshop. Paper presented at the Symposium on writing research methods, Gothenburg.
- Van Waes, L., Leijten, M., & Vanhauwaert, M. (2014). Invited presentation. Het schrijvershoofd ontbloot. Schrijfprocessen. Paper presented at the Schrijverscongres, De Singel, Antwerpen.
- De Smet, M., & Leijten, M. (2014). Invited presentation. Using Inputlog to analyze and visualize writing processes. Paper presented at the Methods in online processing of reading and writing symposium, Nijmegen.
- Leijten, M., & Van Waes, L. (2013). Workshop: Observing and analyzing writing processes with Keystroke Logging. Paper presented at the CNRS Summer School on Dynamics of Writing: A multidisciplinary Approach. University of Poitiers.

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- Leijten, M., & Van Waes, L. (2013). Using keystroke logging in a professional writing setting: analyses techniques based on Inputlog data. Paper presented at the Symposium Professional Writing: From keystroke logging corpus to textometry, Centre de Linguistique française, Sorbonne, Paris.
- Leijten, M., & Van Waes, L. (2012). Using keystroke logging in writing research: An introduction to Inputlog. Paper presented at the Symposium Writing Research in Education, Nanjing University, China.
- Leijten, M. (2010). Inputlog 4.0 Beta. Guest lecture at University of Utrecht, Utrecht, The Netherlands.
- Leijten, M. (2010). Inputlog 4.0 Beta. Guest lecture at University of Utrecht, Utrecht, The Netherlands.
- Leijten, M. (2008). Professional writing strategies for correcting errors in the text produced so far. Guest lecture at Staffordshire University, Stafford, UK.
- Leijten, M. (2007). Combining keystroke logging and speech logging: Using Inputlog to observe writers who use speech recognition as a writing medium. Guest lecture at University of Tilburg, Tilburg, The Netherlands.
- Leijten, M. (2007). Observing writing processes with Inputlog: A logging tool for keyboard, mouse & speech recognition. Guest lecture at the University of Umea, Umea, Sweden.
- Leijten, M. (2007). Schrijfprocesonderzoek met spraakherkenning: online schrijfprocessen registreren via Inputlog. Guest lecture at Amsterdam University, Amsterdam, The Netherlands.
- Leijten, M., & Van Waes, L. (2007). Observing writing: Combining keystroke logging & speech logging. Guest lecture at Westfälische Wilhelms-Universität Münster, Münster, Germany.
- Leijten, M., & Van Waes, L. (2004). Inputlog: developing a tool to log and analyse writing processes. Guest lecture at KTH Royal Institute of Technology, IP Lab, Stockholm, Sweden.
- Leijten, M., & Van Waes, L. (2004). Schrijfprocessen observeren en analyseren met Inputlog. Guest lecture at the University of Utrecht, Faculty of Arts, Utrecht, The Netherlands.
- Leijten, M. (2003). Text comprehension of young and old people: The impact of text structure and linguistic markers. Guest lecture at the University of Utrecht, Faculty of Arts, Utrecht, The Netherlands.
- Leijten, M., & Van Waes, L. (2003). How do writers adapt to speech recognition? The effect of a new writing medium on cognitive processes. Guest lecture at Florida Atlantic University, Department of Psychology, Fort Lauderdale, USA.
- Leijten, M., & Van Waes, L. (2003). Inputlog: a new tool to log writing processes. Guest lecture at University of Amsterdam, ILO, Amsterdam, The Netherlands.
- Leijten, M., & Van Waes, L. (2002). De invloed van spraakherkenning op het schrijfproces van initiële gebruikers. Guest lecture at University of Twente, Department of Technical Communication, Enschede, The Netherlands.
- Leijten, M., & Van Waes, L. (2002). The Influence of Voice Recognition on the Writing Process of Initial Users: A case-study of problem solving, pausing times and revisions. Guest lecture at KTH Royal Institute of Technology, IP Lab, Stockholm, Sweden.

## Organisation of symposia

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- The writing process of persons with acquired writing difficulties [Initiative during COST Action of Aphasia IS1208 ° Antwerp, Belgium ° co-organiser: Elise Drijbooms
- Writing and reading: Eyetracking research [Earli 2007 ° International Conference of the European Association for Research on Learning and Instruction Writing ° Budapest, Hungary ° co-organiser: Luuk Van Waes (University of Antwerp)]
- Methods and instruments for observation research in writing and reading research in digital environments [MOT conference 2005 ° 10th conference of the Association of Research in Applied Linguistics (Flanders - The Netherlands) - Radboud University, Nijmegen, Nederland ° Methodes en instrumenten voor observatie-onderzoek in schrijf- en leesonderzoek in digitale omgevingen ° co-organisers: Thea van der Geest (University of Twente, The Netherlands) & Luuk Van Waes (University of Antwerp, Belgium)
- Digital tools for writing research: Part I and II [Writing 04 ° 9th International Conference of the European

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Association for Research on Learning and Instruction Writing Special Interest Group ° Geneve ° Switzerland ° September 20-22 ° 2004 ° co-organiser: Luuk Van Waes]  
Different writing environments - different writing processes [Writing 02 ° 8th International Conference of the European Association for Research on Learning and Instruction Writing Special Interest Group ° Stafford ° UK ° July 10 –13 ° 2002 ° co-organiser: Luuk Van Waes]  
Technology & Applied Linguistics [Viot 2002 ° Antwerp ° Belgium ° December 16-18 ° 2002]

## Organisation of workshops

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Workshop at Earli Conference 09  
13th Biennial International Conference of the European Association for Research on Learning and Instruction  
Amsterdam, The Netherlands - 2009  
Theme: Building a Knowledge Center on writing process research (fourth edition of workshop logging tools)  
Co-organiser: Luuk Van Waes (University of Antwerp)

Workshop: Inputlog 4.0 Beta  
May 27 2009, University of Amsterdam

Workshop at Earli SIG Writing 08  
11th International Conference of the European Association for Research on Learning and Instruction Writing  
Special Interest Group Writing  
Lund, Sweden - 2008  
Theme: Logging tools in writing research: third edition  
Co-organiser: Luuk Van Waes (University of Antwerp)

Workshop at Earli 2007 [12th Biennial Conference for Research on Learning and Instruction  
Budapest, Hungary ] August 28 - September 1, 2007 Writing Special Interest Group  
Theme: Logging tools in writing research: second edition  
Co-organiser: Luuk Van Waes (University of Antwerp)

Workshop Writing Studies 06 [Interuniversity workshop: University of Amsterdam (The Netherlands) - University  
of Utrecht 5th Netherlands)- University of Ghent (Belgium)] Antwerp, Belgium - 2006  
Theme: Inputlog for expert users: Data collection and data analysis  
Co-organiser: Luuk Van Waes (University of Antwerp)

Workshop at Earli SIG Writing 06 [10th International Conference of the European Association for Research  
on Learning and Instruction Writing Special Interest Group] Antwerp, Belgium - 2006  
Theme: Logging tools in writing research  
Co-organiser: Luuk Van Waes (University of Antwerp)

Computer tools for the analysis of writing processes [Post-Conference Workshop Writing 04 ° 9th International  
Conference of the Earli Writing Special Interest Group ° Geneve ° Switzerland ° September 23, 9.00-12.30 °  
2004 ° co-organisers: Eva Lindgren & Kirk Sullivan, University of Umea, Sweden; Marie Stevenson, University  
of Amsterdam, The Netherlands; Luuk Van Waes, University of Antwerp, Belgium]

## Organisation of training schools

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Writing process research: Keystroke logging, Antwerp  
3-day trainingschool, attended by 35 international PhD and early stage researchers  
Antwerp ° Belgium ° March 16-18 ° 2016

Keystroke logging training school, Antwerp  
3-day advanced training school on keystroke logging attended by 20 international post-doc researchers  
Antwerp ° Belgium ° April 14-16 ° 2014

Antwerp Trainingschool on Keystroke logging and Eyetracking Research  
3-day trainingschool, attended by 35 international PhD and post-doc researchers  
Antwerp ° Belgium ° September 21-23 ° 2009



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## Organisation of conferences

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SIG Writing 2006 ° 10th International Conference of the EARLI Special Interest Group on Writing  
Antwerp ° Belgium ° September 21-23 ° 2006  
Member of scientific committee  
Responsible for design & website

Viot 2002  
Antwerp ° Belgium ° December 16-18 ° 2002  
Responsible for design & website

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## PhD projects

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Catherine Meulemans (promotor: 2016-2020)  
PhD: Cognitive decline in Alzheimer's disease: motoric, cognitive and linguistic aspects of sentence production

Lise Paesen (promotor: 2015-2019)  
PhD: Motoric, cognitive and linguistic writing process characteristics in Alzheimer's disease: A task validity, cross-sectional and longitudinal study.

Nina Vandermeulen (promotor: 2015-2019)  
Principal Investigator: Gert Rijlaarsdam  
NWO-Project by Gert Rijlaarsdam: LIFT. Improving pre-university students' performance in academic synthesis tasks with Level up Instructions & Feedback Tool (LIFT)

Margot Chauliac (promotor: 2015-2016)  
Promotor of project: Iris Schrijver  
PhD: Text production: the translator's writing competence unveiled

Yvonne Knospe (promotor - joint PhD ~ not officially confirmed yet)  
PhD: Learning to write and metacognition

Elise Drijbooms (promotor - joint PhD) defense date: May 25, 2016  
PhD: Process and product characteristics of narrative writing in developing writers

Milou De Smet (member of the advisory board), 2010-2014, succesfully defended January 28, 2014  
PhD: Outlining and writing performance

Iris Schrijver (head of doctoral committee), 2009- 2014, succesfully defended October 8, 2014  
PhD: The influence of writing knowledge and experience on the translation process and product

Opponent of the PhD of Dr. Isabelle Robert, May 2012  
PhD: Impact of revision procedures on the quality of translation processes [La révision en traduction: les procédures de revision et leur impact sur le produit et le processus de révision]

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## Research grants

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### **Accepted proposals**

BOF 2015-2019  
Writing process characteristics in Alzheimer's disease: A task validity, cross-sectional and longitudinal study  
Promotor: Mariëlle Leijten

STIMPRO 2014

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Text production: the translator's writing competence unveiled

Promotor: Iris Schrijver

Co-promotors: Mariëlle Leijten & Isabelle Robert

FWO Post doc mandate 2013-2016

Cognitive writing process characteristics in Alzheimer's disease

Promotors: Luuk Van Waes & Koen Vandenbempt

Practicumfonds Universiteit Antwerpen 2012

Antwerp Humanities Lab (AnHuLab)

Co-applicants: multi-disciplinary group Faculty of Economics, Faculty of Arts, Faculty of political and social sciences, and Artesis College

FWO Post doc mandate 2010-2013

Writing professional texts from multiple (digital) sources

Promotors: Luuk Van Waes & Paul Matthyssens

BOF-NOI 2010

The influence of text representation on the reading-during-writing process

Promotors: Mariëlle Leijten & Luuk Van Waes

Award scholarship Matthieu

Herschrijven van professionele teksten: revisie-analyse via onderzoeksinstrument Inputlog

Promotor: Mariëlle leijten

Small grant (BOF KP) – 2010

WRITINGpro: Kenniscentrum voor schrijfprocesonderzoek ([www.writingpro.eu](http://www.writingpro.eu))

Promotor: Mariëlle Leijten

Co-promotors: Luuk Van Waes

Belgisch Vereniging voor Interne Communicatie (BvIC)

Schriftelijke slechtnieuwscommunicatie

Promotors: Mariëlle Leijten & Luuk Van Waes

FWO 2009 (grant to researchers) Merging writing process data with lexica

Promotors: Luuk Van Waes & Veronique Hoste

Team members: Eric Van Horenbeeck, Lieve Macken, Mariëlle Leijten

Leverhulme Trust Visiting Fellowship – 2007-2008

Promotors: David Galbraith & Mark Torrance, Staffordshire University, UK

Small grants (BOF) – 2005 & 2008

Development of Inputlog

Promotor: Luuk Van Waes

Co-promotor: Mariëlle Leijten

PWO-project with Karel de Grote Hogeschool – 2006

Parsing techniques to parse the output of Inputlog

BOF-NOI 2002

The influence of speech recognition on the writing process: A contrastive study of the influence of speech recognition, dictating devices and keyboard and mouse on the writing process.

Promotor: Luuk Van Waes

Co-promotor: Mariëlle Leijten

### ***Submitted proposals***

NWO (Dutch Research Foundation)

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Title: Track Changes: Textual scholarship and the challenge of digital literary writing  
Collaboration: Karina Van Dalen-Oskam, Dirk Van Hulle, Vincent Neyt, Floor Buschenhenke, Peter De Bruijn, Peter Kegel, Luuk Van Waes  
Result: September 2017

FWO and BOF-DOCPRO 2016

Title: Cognitive decline in Alzheimer's disease: motoric, cognitive and linguistic aspects of sentence production  
PhD: Catherine Meulemans  
Promotor: Mariëlle Leijten

FWO and Rubicon 2016

Cognitive and linguistic factors in narrative writing development  
Post-doc researcher: Elise Drijbooms  
Promotor: Mariëlle Leijten (as representative of host institution)

GOA BOF UAntwerp 2015-2018

Title: The writing process of Alzheimer patients: A multidisciplinary analysis of cognitive and linguistic aspects  
Principal investigator: Luuk Van Waes  
Co-promotors: David Martens & Walter Daelemans  
Team members: Guy De Pauw, Sebastiaan Engelborghs, Peter Mariën & Mariëlle Leijten

FWO 2015; Promotor in PhD mandate for Catherine Meulemans

Motoric, cognitive and linguistic writing process characteristics in Alzheimer's disease: a task validity, cross-sectional and longitudinal study.

DOCPRO 2014

Defining professionals' processes of reading during writing using keystroke logging and eye tracking  
Promotor: Mariëlle Leijten

Stichting Alzheimer Onderzoek 2012 / Alzheimer Foundation, Pilot Grant

An interdisciplinary study on cognitive writing process characteristics in Alzheimer's disease  
Interdisciplinary collaboration with: Prof. Dr. Sebastiaan Engelborghs (Neurologist), Prof. Dr. Ir. Peter Mariën (Neurolinguist), Prof. Dr. Luuk Van Waes (Linguist) and Dr. Eric Van Horenbeeck (Computational Linguist).  
Principal investigator: Mariëlle Leijten.

HERCULES foundation 2011: application medium sized research infrastructure

Antwerp Humanities Lab (AnHuLab)

Promotor: Luuk Van Waes

Co-promotors: Patrick de Pelsmacker, Nathalie Dens, Peter Goos, Rosalinde Kessels, Mariëlle Leijten, Michel Walrave, Karolien Poels, Dominiek Sandra, Aline Remael, Stijn Verwulgen, Christophe Boonen, Carolyn Declerck

FWO 2009 (grant to post doc researcher) Writing professional texts from multiple (digital) sources  
(proposal was ranked in 2009)

BOF-NOI 2008

Reading during writing: The role of text representation in cognitive revision processes

Promotor: Luuk Van Waes

Co-promotor: Mariëlle Leijten

BOF-NOI 2006

The effect of error analysis in writing on working memory: Strategy decisions based on error characteristics and pragma-linguistic text characteristics

Promotor: Luuk Van Waes

Team member: Mariëlle Leijten

BOF UA 2005 & HOGESCHOLEN project

Online observation and automated analyses of writing process data

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Promotor: Luuk Van Waes  
Team member: Mariëlle Leijten

## Courses (all in Dutch)

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### University of Antwerp

Communication Research: methods and techniques

Master in Multilingual Professional Communication – 2007 – 2014

Promotor of master theses – 2007 – present

Digital Communication

Master in Multilingual Professional Communication – 2007 – present

Strategic Business Communication

Faculty of Pharmaceutical, Biomedical and Veterinary Sciences & Faculty of Science – 2007 – present

Business and Technical Communication – Faculty of Applied Economics – 2002-2006

Negotiation – Faculty of Applied Economics – 2004-2005

### University of Antwerp Management School (UAMS)

Competences in Strategic Communication – Postgraduate program Personnel Management – 2002 – present

Strategic Communication – Master of Science and Management – 2004

Tasks:

- Teach courses
- Develop course material (e.g. persuasive communication and collaborate on modules for on-line writing center Calliope ([www.calliope.be](http://www.calliope.be)))
- Develop courses (digital communication and Communication Research)

## Computer skills

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### Basic software

MS Office, SPSS, MLWin (multilevel analyses), R, Adobe Photoshop, InDesign, Pagemaker, Illustrator, Dreamweaver, Homesite, Wordpress, various content management systems (e.g. Wix)

### Research software

Inputlog, Camtasia, Morae, Scriptlog, Translog, Eyewrite

Eyelink II, Experiment Builder, Tobii TX60, Tobii TX300

VCRI

## Other activities

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### Scientific services at the Faculty of Applied Economics

Member of the Faculty board (chosen representative for 50% ZAP)

Member of board Department of Management (2006-2012 chosen representative for assistants; 2013-present)

### Scientific services at the Master Master in multilingual professional communication (Meertalige Professionele Communicatie)

Vice-chair of committee of education (2011 - current)

Secretary board of exams (2007 - 2010)

Member committee of education (2007 - 2011)

### Positions in research communities

Member of Cost Action IS1404, Strengthening Europeans capabilities by establishing the European Literacy Network (Belgian representative and member of Working Group 3: Improving literacy technologies; 2014-2018)

Member of Cost Action IS1208, Aphasia, vice-chair of Working Group (2012-2015); Belgian representative and member 2015-2016

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Member of steering group COST ERN-LWE: responsible for website and dissemination (2008-2012)  
Member of board VIOT (Vereniging Interuniversitair Overleg Taalbeheersing, 2005 - present)

#### *Positions within journals*

Member of the editorial board van Computers and Composition (Elsevier, 2008 - present)  
Book review editor van Journal of Writing Research (Open Access, 2007- present)  
Editor 'Sig Writing Publications' (Online publication archive, 2005 - 2010)

#### *Scientific committee*

Vlaams Wetenschappelijk Economisch Congres 2012 [Flemish Economic Conference 2012]  
Corporate Communication - May 2012, University of Antwerp, Belgium  
Task: Member of the Organizing/Scientific Committee

#### *Design*

Journal of Writing Research ([www.jowr.org](http://www.jowr.org)): design website & template articles  
Earli Sig Writing conference 2006: design website & visual identity  
Earli Sig Writing Publications (prepublications and archives): design website  
Inputlog: design interface & website  
Writing Center Calliope, University of Antwerp: design brochure  
VIOT 2002: design website & visual identity

## Awards

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### **2014**

J.R. Hayes award for Excellence in Writing Research, Best methodological article in Written Communication  
Leijten, M., & Van Waes, L. (2013). Keystroke Logging in Writing Research: Using Inputlog to Analyze and Visualize Writing Processes. *Written Communication* 30(3), 358–392

### **2013**

Nominated for Award for Excellence in Writing research: *Written Communication*  
Quinlan, T., Loncke, M., Leijten, M., & Van Waes, L. (2012). Coordinating the Cognitive Processes of Writing. *Written Communication*, 29(3), 345-368. doi: 10.1177/0741088312451112

### **2012**

Nominated for the John R. Hayes Award for excellence in writing research (*Journal of Writing Research*)  
Leijten, M., De Maeyer, S., & Van Waes, L. (2011). Coordinating sentence composition with error correction: A multilevel analysis. *Journal of Writing Research*, 2(3), 331-363.

### **2010**

Legaat Matthieu; Award scholarship Matthieu [Aanmoedigingsbeurs voor jonge vorsers]

### **2007**

Leverhulme Funding, UK  
Leverhulme Trust Visiting Fellowship

### **2006**

Distinguished Computers & Composition book award 2006  
Van Waes, L., Leijten, M., & Neuwirth, C. (Eds.). (2006). *Writing and Digital Media*. Oxford: Elsevier.

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