

## CV Henk Barendregt (25.09.2011)

Full name: Hendrik Pieter Barendregt      Born 18.12.1947 in Amsterdam

### Foundations of Mathematics and Computer Science

#### Education

1952-1965 Montessori kindergarten, elementary school and Gymnasium- $\beta$ .  
1965-1968 Master's mathematics at Utrecht University (cum laude).  
1969-1971 PhD mathematical logic, Utrecht University (cum laude).  
Title Thesis: Some extensional term models for  $\lambda$ -calculi and combinatory logics.  
Supervisors: Prof. Dr. D. van Dalen, Prof. Dr. G. Kreisel (Stanford).  
1971-1972 PostDoc at Stanford University.  
1972-1986 Assistant and associate professor Utrecht University.  
1986-present Full professor, Radboud University Nijmegen.  
Chair: Foundations of Mathematics and Computer Science.

#### Visiting positions

Darmstad (TU), Zürich (ETH), Kyoto, Wollongong, Pittsburgh (CMU).

#### Editorships (\* past editorships) of the following journals.

Information and Computation\*.  
Journal of Functional Programming\*.  
Journal of Logic and Computation.  
Logical Methods in Computer Science.

#### Promovendi In total 34. The following PhD's have become full professors:

J.W. Klop\*, A. Visser\*, B.P.F. Jacobs, J.H. Geuvers, E. Barendsen, M.C.J.D. van Eekelen  
(\* Barendregt was not official supervisor, but supervised work with Prof.Dr. D. van Dalen).  
Two PhD students are planning to defend their thesis in 2012.

#### Prizes

1997 Personal Research Budget Nijmegen University, 3M Guilder.  
2002 Knight in the Order of the Dutch Lion.  
2003 Spinoza Prize, 1.5M Euro.

#### Memberships:

1992 Academia Europaea.  
1996 Koninklijke Hollandse Maatschappij der Wetenschappen.  
1997 Koninklijke Nederlandse Akademie van Wetenschappen.

#### Books

**The lambda calculus, its syntax and semantics**, Elsevier 1981.  
Russian translation, MIR 1985. Chinese translation, Nanjing University Press 1992.  
**Lambda calculus with types**, Cambridge University Press, 2012.  
Written with Wil Dekkers and Richard Statman.

## Consciousness and Meditation Research

### Meditation education

1972-1979 Zen meditation, under Kobun Chino Roshi (1939-2002).

1979-2006 Vipassana (mindfulness) meditation, under Phra M. T. Mettavihari (1942-2007).

Teaching Vipassana meditation since 2001 at Han Fortmann Center, Radboud University Nijmegen.

Since 2006 by Phra Mettavihari qualified as insight teacher to conduct intensive retreats.

### Meditation research

Setting up in 2007 the Mind-Brain-Mindfulness (MBM) researchgroup to perform research on the effects of mindfulness training in healthy meditators and in a clinical setting.

Setting up in 2008 of the “Han Fortmann Center voor Mindfulness” together with Prof.Dr. A. Speckens and Prof.dr. C.C.A.M Gielen. To study effects of mindfulness training in healthy meditators and in a clinical setting. The center has run during the period 2008-2011 with a grant of the Reinier Post Stichting of 100 KE. Since September 2011 the work is continued in the Radboud Center for Mindfulness.

Obtained funding from the Smartmix BrainGain project for the period 2008-2013.

Main applicant: Prof. dr. P. Desain.

### Results

Two PhD have been obtained at Radboud University.

Ms Yowon Choi: 22 juni, 2011 (Faculty of Social Sciences).

Title thesis:

Pathways to Happiness, Psychological resources for Happiness.

Promotor Prof. Dr. H. P. Barendregt

Copromotor Dr. J. C. Karremans

Paul van den Hurk: 26 september, 2011 (Faculty of Science).

Titel thesis:

On the practice of mindfulness meditation and associated changes in cognition, affect and personality.

Promotoren Prof. Dr. H. P. Barendregt

Prof. Dr. C. C. A. M. Gielen

Copromotor Dr. H. T. van Schie

Resulting articles not mentioned under the selected publications.

#### **Greater efficiency in attentional processing related to mindfulness meditation.**

P. A. M. van den Hurk, F. Giommi, C.C.A.M. Gielen, A.E.M. Speckens, and H.P. Barendregt.

*Quarterly Journal of Experimental Psychology*, June 2010, 1168-1180.

#### **An investigation of the role of attention in mindfulness-based cognitive therapy for recurrently depressed patients.**

P.A.M. van den Hurk, J.R. van Aalderen, A.R.T. Donders, F. Giommi,

H.P. Barendregt, and A.E.M. Speckens. Accepted for publication in

*Journal of Experimental Psychopathology*.

**The Happy Face of Mindfulness: Mindfulness Meditation is Associated with Perceptions of Happiness as Rated by Outside Observers**, Y. Choi, H. P. Barendregt, and J. C. Karremans, accepted by the *Journal of Positive Psychology*.

Two more PhD students are working on their theses. For other papers of the MBM group see URL: <[www.fnds.cs.ru.nl/fndswiki/MBM\\_Publications](http://www.fnds.cs.ru.nl/fndswiki/MBM_Publications)>.

### **Lectures on meditation including mindfulness (theory or practical)**

Harvard, School of Divinity, October 2001.  
London, meeting of OCD sufferers, February 2002.  
Paris, talk at UNESCO, April 2002.  
Bucharest, meeting of Science for the Spiritual Quest, November 2002.  
Stirling (UK), Workshop Buddhist Inspired Models of the Mind, June 2004.  
Pittsburgh, Psychoanalytic Society, May 2005.  
Gothenburg, International Congress of Cognitive Therapy, June 2005.  
Bologna, Meditation Center Asia, April 2008.  
Brussels, Vlaamse Akademie van Wetenschappen, May 2008.  
Freiburg, Conference Neuroscience, Consciousness, and Spirituality, July 2008.  
Elspeet, C. G. Jung Vereniging Nederland, February 2009.  
Rovereto, Workshop Qualities in Perception, November 2009.  
New York, Eastern & Western Philosophical Themes, December 2009.  
Erlangen, Leonardo Kolleg, November 2010.  
Tokyo, Keio University, February 2011.  
Pelion, Greece, one week retreat, July 2011.  
Roma, visiting professor at Faculty of Medicine and Psychology, Sapienza University, fall 2011.  
Chieti, Conference: Psicologia e Buddhismo, November 2011.  
Prague, Maitrea Institute, April 2012.  
Roma, Italian Congress of Psychology, Summer 2013.

Also lectures given at almost all universities in the Netherlands.

### **Editor**

Frontiers in Cognition (associate editor).  
Commentator of Behaviour and Brain Sciences.

### **Interviews**

#### **Radio**

NTR: HOE?ZO! (December 2010).

#### **Television**

VPRO: *Labyrinth* (November 2010);  
HUMAN: *Profiel* (February 2011);  
Spinoza TV, *Interviews*, see <[www.cs.ru.nl/~henk/video.html](http://www.cs.ru.nl/~henk/video.html)> (since June 2011).

#### **Magazines**

Bres, Quest, Vrij Nederland, Psychologie Magazine, Scientific American.

#### **Newspapers**

Volkskrant, Gelderlander, Trouw.