

Curriculum Vitae: Bernhard Hommel

Title: Professor, Dr. phil., Dr. phil. habil.,
Diplom Psychologist (M.A.)
Academic Rank: Full professor, chair of General Psychology
Date of Birth: March 19, 1958
Status: Married (to Lorenza Colzato), no children

EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Date</u>
University of Bielefeld	Diplom, Psychology	1987
University of Bielefeld	Dr. phil.	1990
Ludwig-Maximilian-University of Munich	PD Dr. habil.	1997

Diploma (Master's) Thesis

Untersuchungen zur Funktion visueller und semantischer Information bei der Wort/Bild-Interferenz [Investigations on the functions of visual and semantic information in word-picture interference] (University of Bielefeld)

Doctoral Thesis

Quellen der Interferenz beim Simon-Effekt: Eine Untersuchung zur Verwendung räumlicher Information bei der Auswahl und Planung einer einfachen Handlung [Sources of interference in the Simon effect: An investigation on the use of spatial information in selecting and planning a simple action] (University of Bielefeld)

Habilitation

Handlungskonzepte: Über die kognitive Repräsentation menschlicher Handlungen [Action concepts: On the cognitive representation of human action] (Ludwig-Maximilian-University of Munich)

POSITIONS

<u>Institution</u>	<u>Position</u>	<u>Date</u>
University of Bielefeld	Research Assistant	1987-1990
MPI for psychological research	Senior Researcher	1990-1999
MPI for psychological research	Head of working group "Executive Functions"	1997-1999
University of Leiden	Full professor	1999-
University of Leiden (Leiden Center of Brain & Cognition)	Scientific Board Member	2005-

TEACHING

University of Bielefeld (1987-1990)

Introductory courses (cognitive psychology); seminars on ecological approaches to cognition, perception and action control, intermodal perception, systems theories of action control, and reasoning; experimental courses on intermodal perception and on ideomotor phenomena.

Ludwig-Maximilians-Universität München (1991-1998)

Introductory courses (cognitive psychology); seminars on report and article writing, history of psychology, perception and action, motor control, executive processes and intentional control, animal cognition; experimental courses on intermodal perception and action planning.

Leiden University (1999-)

Seminars on attention, perception and action, and motivation and emotion, and on cognitive neurosciences; experimental courses on multiple-task performance and relations between emotion, consciousness, and action planning.

EDITORIAL SERVICES

Section Editor *Acta Psychologica*; *Journal of Experimental Psychology: Human Perception and Performance*;

Associate Editor *Current Psychology Letters: Behaviour, Brain & Cognition*; *Psychology Science*

Consulting Editor *Perception & Psychophysics*; *Psychological Research*

REVIEWING

Ad-hoc Reviews

American J. of Psychology	Experimental Brain Research	Psychological Review
Behavioral and Brain Sciences	Experimental Psychology	Psychologische Rundschau
British J. of Psychology	Human Movement Science	Psychological Science
Canadian J. of Exp. Psychology	J. of Cognitive Neuroscience	Psychonomic Bulletin & Review
Cognition	J. of Exp. Psychology: G, LMC	Psychophysiology
Cognitiva	J. of Motor Behavior	Quarterly J. of Exp. Psychology
Cognitive Psychology	Memory & Cognition	Science
Consciousness & Cognition	Motor Control	Spatial Cogn. & Computation
European J. of Cogn. Psychology	Neuropsychologia	Visual Cognition
European J. of Neuroscience	Psychological Bulletin	Zeitschrift für Exp. Psychologie

Grant Institutions

Deutsche Forschungsgemeinschaft (Germany)

Fonds voor Wetenschappelijk Onderzoek

Vlaanderen (Belgium)

Israel Science Foundation (Israel)

Medical Research Council (Great Britain)

National Institute for Psychobiology (Israel)

National Science Foundation (USA)

Nederlandse Organisatie voor Wetenschappelijk

Onderzoek (Netherlands)

Volkswagen-Stiftung (Germany)

FUNCTIONS IN INSTITUTIONS AND COMMITTEES

- 1988-1990 Speaker of Senior Scientists, Dept. of Psychology, University of Bielefeld
 1993-1997 Member Scientific Council of the Max Planck Society
 1995-1997 Member Foundation Committee of the Max Planck Institute for Evolutionary Anthropology
 1997-1999 Speaker of Association for Experimental Research on Cognition
 1997- Organizing Committee and Speaker of DFG Priority Program "Executive Functions"
 2000- Head of Cognitive Psychology Unit, Leiden University
 2003- Treasurer and elected Committee Member European Society for Cognitive Psychology
 2004- Member of Executive Committee of the International Association for the Study of Attention and Performance
 2006- Secretary of the International Association for the Study of Attention and Performance
 2006- Co-founder and program committee member of the Leiden Center for Brain and Cognition

ORGANIZATION OF CONFERENCES, MEETINGS, AND SUMMERSCHOOLS (selection)

- 1995 Symposium on the theory of S-R compatibility. Benediktbeuern.
 2000 Attention and Performance IXX (with W. Prinz). Irsee.
 2001- Semi-annual plenary meetings of the German Priority Program on Executive Functions. Fulda, Leipzig, Munich.
 2002 Summer School on Executive Functions. Herrsching.
 2004 Summer School on Executive Functions. Guenne.
 2004 From stimulus to understanding in language and perception. Summer School, Doorwerth.
 2004- Yearly Leiden Cognition Day.
 2005 14th Meeting of the European Society for Cognitive Psychology. Leiden.
 2005 Hearts and minds. Summer School, Doorwerth.
 2006 Summer School on Executive Functions. Bernried.
 2006 Memory and Action. Summer School, Doorwerth.

MEMBERSHIPS

- American Psychological Association, USA: 1998-
 Association for Experimental Research on Cognition: 1997-
 German Society for Psychology (DGfP): 1992-
 European Society for Cognitive Psychology (ESCoP): 1991-
 Experimental Psychology Society (EPS): 1998-
 Psychonomic Society, USA: 1991-
 Nederlandse Vereniging voor Psychonomie (NVP), NL: 2000-

RESEARCH GRANTS

- 1996 *Spatial coding in perception and memory*. German Research Community (DFG) (~ 130.000€)
- 1996 *Integration of sensorimotor feedback and motor control structures* (with Aschersleben & Prinz)
German Research Community (DFG) (~ 115.000€)
- 1997 *Executive functions*. Max Planck Society (~ 250.000€)
- 1998 *Spatial coding in perception and memory*. German Research Community (DFG) (~ 130.000€)
- 1999 *Integration of sensorimotor feedback and motor control structures* (with Aschersleben & Prinz).
German Research Community (DFG) (~ 200.000€)
- 2000 *Neurophysiological mechanisms and temporal dynamics of feature integration in perception and
action planning* (with Schnitzler & Shapiro). Volkswagen Foundation (~ 420.000€)
- 2001 *Development of executive functions*. Priority Program "Executive functions" of the German
Research Community (DFG) (~ 130.000€)
- 2001 *Executive functions* (with Daum & Kluwe). Priority Program Grant of the German Research
Community (DFG) (~ 80.000€)
- 2003 *Development of executive functions*. Priority Program "Executive functions" of the German
Research Community (DFG) (~ 130.000€)
- 2003 *Executive functions* (with Daum & Kluwe). Priority Program Grant of the German Research
Community (DFG) (~ 90.000€)
- 2005 *Development of executive functions*. Priority Program "Executive functions" of the German
Research Community (DFG) (~ 130.000€)
- 2005 *Executive functions* (with Daum & Kluwe). Priority Program Grant of the German Research
Community (DFG) (~ 70.000€)
- 2006 *Perception, action & cognition through learning of object-action complexes*. European Union
Integrated Project Grant (~ 650.000€)
- 2006 *Leiden Institute for Brain & Cognition* (with van Buchem & Cheng). Leiden University
Infrastructure Grant (~ 2.000.000€)
- 2006 The development of infant's perception of goal-directed actions (with Biro). NWO,
Netherlands (~ 180.000€)
- 2006 Hot cognition: How emotions shape information processing (with Band). NWO,
Netherlands (~ 180.000€)

CURRENT PHD STUDENTS

Soghra Akbari (Leiden)
Pascal Haazebroek (Leiden)
Andre Keizer (Leiden)
Jiska Memelink (Leiden)
Michiel Spape (Leiden)
Henk van Steenbergen (Leiden)
Stephan Verschoor (Leiden)
Glen van der Vijver (Southern Queensland, Australia)
Maaïke Weidema (Leiden)
Xiaoyong Yang (Leiden)
Sharon Zmigrod (Leiden)
Past students: Elkan Akyürek, Lorenza Colzato, Birgit Elsner, Bianca Poesse, Gijsbert Stoet, Florian Waszak