Martin Schürmann, Dr. med. habil. (MD PhD), Privatdozent (Physiology)
Associate Professor and Reader in Cognitive Neuroscience
School of Psychology, University of Nottingham
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Curriculum vitae Date/place of birth: April 8th, 1962 in Bottrop (Westfalen), Germany

Degrees and qualifications

Medicine (MD PhD): Philipps-Universität Marburg (1981–83); RWTH Aachen (1983–87)

1987 Graduation, "Approbation als Arzt"

1988 *Dr. med.*, title of thesis *"Glycosylated hemoglobines and fructosamines in renal failure"*

1988 ECFMG-FMGEMS (US examination for foreign medical graduates)

1997 *Dr. med. habil.* (qualified for independent research) and *Privatdozent* (docent of physiology)

Computer Science (MSci): RWTH Aachen (1984–87); Fern-Universität Hagen (part-time; 1988–94)

1994 Graduation ("Diplom-Informatiker")

Professional appointments and scientific experience (most recent first)

2005– **Associate Professor and Reader in Cognitive Neuroscience, Univ of Nottingham, UK**

2003–2005 **Senior Scientist, Brain Research Unit/LTL, Helsinki University of Technology, Finland**
MEG and functional MRI for cross-modal interaction and social neuroscience; Prof. Riitta *Hari*

2001–2003 **Visiting Professor/Visiting Scientist**, BRU/LTL, Helsinki Univ of Technology

1999–2000 Visiting Scientist (supported by DAAD, European Union): combined TMS–EEG with Dos. Risto *Ilmoniemi*, BioMag, Helsinki University Central Hospital and MEG with Prof. Riitta *Hari*

1989–2001 **Staff Scientist, Institute of Physiology, Medizinische Universität zu Lübeck, Germany**
Neurophysiological research with Prof. Erol *Basar*: brain activity in auditory, visual, and somatosensory stimulus processing; analysis of event-related brain oscillations

1988–1989 **Staff Scientist, Institute of Anatomy, RWTH Aachen, Germany**
Neuroanatomical research with Prof. Hubert *Korr:* autoradiography, immunohistochemistry

Publication record: 43 original articles in peer-reviewed journals, 8 reviews, 8 invited lectures

Reviewer for journals: Proc Natl Acad Sci U S A, Hum Brain Mapp, J Cogn Neurosci, NeuroImage, Neuropsychologia, Cogn Brain Res, Biol Psychiatry, J Psychophysiol, NeuroReport, Brain Res, Clin Neurophysiol, Brain Res Bull, Behav Brain Res, Neurosci Lett, Physiol Behav, Int J Psychophysiol, Brain Cogn, J Neurosci Meth, Physica A, IEEE Proc Biomed Eng, Information Sci

Reviewer for grant applications: Engineering and Physics Research Council (EPSRC, UK), Australian Research Council, Swiss National Council

Guest editor: International Journal of Psychophysiology, Special Issues 1997, 2001

Teaching for undergraduates: 1988–2001: Lectures, courses in neurophysiology, neuroanatomy, vegetative physiology, anatomy, and histology for students of medicine and computer science

2005–2007: Lectures and practicals in neuropsychology and neuroscience methods for psychology students

Teaching for graduate students: 2001: Course "Non-invasive measurement of human brain function: Basic signal processing for electrophysiological studies with hands-on MATLAB exercises" (as Visiting Professor)

2005–2006 Lectures in neuroanatomy and neuroscience methods for MSci/PhD students

Organization of courses: 2002 "Introduction to Functional MRI" (Dr. Robert Savoy), 2003 "MEG Intensive Course", 2004 "SPM course" (Dr Jesper Anderson), all organized with senior scientists from BRU-HUT

Supervision of students:

Kristina *Menzel*, Dr. med., Univ Lübeck (to be submitted, cf Schürmann et al. NeuroReport 2002), **100%**
Juha *Järveläinen*, MD PhD, Helsinki University of Technology (2005), **50%**
Sanna *Malinen*, MSci (Technical Physics), Helsinki University of Technology (2004), **20%**
Michael *Grumbt*, Dr. med., Univ Lübeck (2005; cf Schürmann et al. Cogn Brain Res 2003), **100%**
Matthias *Holm*, MSci (Computer Science), Universität Lübeck (2001), **50%**
Oliver *Sakowitz*, Dr. med., Universität Lübeck (2001), **20%**
Rodrigo *Quian Quiroga*, Dr. rer. nat. (Biomedical Engineering), Universität Lübeck (1999), **20%**

Nottingham, 17 April 2007