

Curriculum Vitae

SONJA A. E. KOTZ

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Academic Qualifications

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| 2010 | Honorary Professorship in Experimental Psychology, University of Leipzig, Germany |
| 2006 | University of Leipzig, Germany: Doctor rerum naturalium habilitatus (Psychology) |
| 1996 | Tufts University, USA: Ph.D. (Experimental Psychology) |
| 1992 | Tufts University, USA: M.Sc. (Experimental Psychology) |
| 1986 | University of Tübingen, Germany: M.A. (Psycholinguistics, Literary and Political Sciences) |

Professional Experience

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| Since 1996 | Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany: since 2007: Max Planck Minerva Professor (W2) 2000 – 2006: Tenured Senior Research Scientist 1996 – 2000: Research Scientist |
| Since 1996 | Day Clinic of Cognitive Neurology, University of Leipzig, Germany: Advisory Senior Neuropsychologist |
| 1996 – 2009 | University of Leipzig, Dept. of Psychology and Neurology, Germany: Reader |
| 1997 – 2004 | German Society of Neuropsychology: Reader |
| 1989 – 1996 | Tufts University, Dept. of Psychology, USA: 1992 – 1996: Lecturer 1989 – 1996: Research Assistant |
| 1987 – 1988 | Children's Hospital, Boston, USA: Research Fellow |
| 1987 – 1996 | Tufts University, Dept. of German and Asian Languages, USA: Senior Lecturer |
| 1986 – 1987 | University of Tübingen, Dept. of Linguistics, Germany: Research Assistant |

Research Interests

Speech, Language, Emotion, Rhythm & Timing, Attention

Interface of speech, language, emotion, rhythm, and timing in perception and comprehension; dynamic attention in unilateral (stimulus based) and bilateral synchronization (communication); executive attention and emotion

Cortico-striatal and cortico-cerebellar systems and functions in clinical (acute/chronic stroke, Parkinson's disease) and specialty (bilingualism) populations

Cognitive Neuroscience

Application of behavioural, event-related brain potentials (ERPs), functional Magnetic resonance tomography (fMRI); integration of neuroimaging techniques (EEG/fMRI) and neuroimaging (EEG) and lesion techniques

Awards

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| 2010 | Honorary Professorship in Experimental Psychology, University of Leipzig, Germany |
| 2009 | MaxNetAging Research Fellow, MPI for Demographic Research, Rostock, Germany |
| 2007 | Max Planck Society Award: "Excellence Support for Female Scientists - Minerva Programme"; supports the leading of an independent research group: "Neurocognition of Rhythm in Communication" |
| 1996 | Dissertation Award, Dean of the Graduate School, Tufts University, Medford, Massachusetts, USA |
| 1994 – 1996 | Conference Awards , Dean of the Graduate School and Department of Psychology, Tufts University, Medford, Massachusetts, USA |
| 1989 – 1991 | Conference Awards, Dean of the Graduate School and Department of Psychology, Tufts University, Medford, Massachusetts, USA |
| 1988 – 1996 | Ph.D. Fellowship, Dean of the Graduate School, Tufts University, Medford, Massachusetts, USA |

Professional advancements

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| 2008 | Reading University, Department of Psychology, Chair in Psychology (declined) |
| 2008 | Free University of Berlin, Languages of Emotion Cluster, Professor in Psychology (2 nd place) |
| 2010 | Free University of Berlin, Dept. Of German and Dutch Philology, Professor in Psycholinguistics (pending) |

Grants

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| 2003 – 2006 | German Research Foundation (DFG): Interdisciplinary Research Group: "Emotion in acoustic communication"; PI: <i>Perception of emotional prosody in the cortico-striatal network: fMRI and ERP investigations of healthy and patient populations</i> (101.000 EUR) |
| 2004 – 2007 | DFG International Science Network "The structure of the left periphery in Germanic languages: CP- and IP-related elements in normal and impaired language": Network participant |
| 2006 – 2009 | DFG Grant extension: Interdisciplinary Research Group: "Emotion in acoustic communication"; PI: <i>Perception of emotional prosody in the cortico-striatal network: fMRI and ERP investigations of healthy and patient populations</i> (210.000 EUR) |
| 2006 – 2011 | Canadian Institutes of Health Research: "Effects of Parkinson's disease on communication and language perception". Co-PI with Marc Pell, School of Communication Sciences & Disorders, McGill University, Montreal, Canada (410.000 CAN\$) |
| 2008 – 2010 | Berlin Excellence Cluster "Languages of Emotion"; PI: Kotz, Co-PIs: Martin von Koppenfels University of Bielefeld, Germany), Winfried Menninghaus (Free University of Berlin, Germany): "Aesthetic evaluation of metered language in poetry" (151.600 EUR) |
| 2008 – 2009 | Berlin Excellence Cluster "Languages of Emotion": PI: Kuschinke (Free University of Berlin), Co-PIs: Sonja A. Kotz (MPI for Human Cognitive and Brain Sciences, Leipzig, Germany), Arthur Jacobs (Free University of Berlin): "Processing of emotional prosody in Asperger Syndrom" (5820 EUR) |
| 2009 – 2014 | ITN European Grant: " Europe, Brain and Music: New perspectives for stimulating cognitive and sensory processes (EBRAMUS) ": PI: "Speech and music rhythm – what is the common denominator?" and Co-PI with Peter Keller (Max Planck Junior Research Group: Music Cognition and Action, Leipzig, Germany) and Simone Dalla Bella (University of Finance and Management in Warsaw, Department of Cognitive Psychology, Warsaw, Poland) "Compensation of speech and motor behaviour – the role of rhythm" (128.000 EUR + Co-sharing another 128.000 EUR with Simone Dalla Bella) |
| 2009 – 2014 | DFG Graduate School "On the Function of Attention in Cognitive Processes"; PI: (1) <i>Joint emotional attention</i> , and (2) <i>The impact of emotion on attention</i> (168.00 EUR) |
| 2009 – 2013 | European Concerted Research Action designated as COST Action 2009: Network Participant <i>Time In Mental Activity: theoretical, behavioral, bioimaging, and clinical Perspectives (TIMELY)</i> (350.000 EUR) |
| 2010 – 2012 | Berlin Excellence Cluster "Languages of Emotion"; PI: Kotz, Co-PIs: Martin von Koppenfels University of Bielefeld, Germany), Winfried Menninghaus (Free University of Berlin, Germany): "Aesthetic evaluation of metered language in poetry" (245.000 EUR) |

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| 2010 – 2012 | Berlin Excellence Cluster "Languages of Emotion"; PI: Kotz, Co-PIs: Markus Conrad and Oliver Lubrich (Free University of Berlin, Germany): <i>"On the role of sound physiognomy in language processing and artistic speech production"</i> (154.000 EUR) |
| 2011 – 2014 | DFG-ANR 2010 PI (with Co-PI Michel Hoen, CNRS, Lyon, France) <i>"On the origins of grammar: from structural complexity in auditory sequences to syntactic structure"</i> (204.000 EUR). |
| Submitted | Extension Grant Canadian Institutes of Health Research: <i>"Effects of Parkinson's disease on communication and language perception"</i> . Co-PI with Marc Pell, School of Communication Sciences & Disorders, McGill University, Montreal, Canada. |

Administration and Management

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| 2010 - | ERC Panel Member for the <i>SH4 – The Human Mind and its complexity</i> |
| 2008 - | Member of IT Commission of the MPI for Human Cognitive and Brain Sciences |
| 2008 - | Conceptualization, realization, and coordination of the module "Verbal Communication" of the International Max Planck Research School (IMPRS) |
| 2006 - 2008 | Consultant for the development of early bilingual day care education |
| 2000 - 2007 | Deputy of Angela D. Friederici, Director of the Department of Neuropsychology |
| Since 1996 | Representation of the MPI-CBS (Neuropsychology) and research interests on public local radio, national radio and TV, in newspapers as well as at local science fairs |

Editorial Experience

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| 2010 | Editor: Frontiers in Language Sciences |
| 2009 | Editor: NeuroImage |
| Since 2007 | Editorial Board: The Open Applied Linguistics Journal |

Ad Hoc Reviewer

for Journals:

Affective and Behavioural Neuroscience, Acta Psychologica, Biological Psychology, Biological Psychiatry, BMC Neuroscience, Brain, Brain and Behavioural Sciences, Brain and Cognition, Brain and Language, Clinical Linguistics and Phonology, Clinical Neurophysiology, Cognitive, Affective, and Behavioural Neuroscience, Cognitive Brain Research, Cognitive and Behavioural Neurology, Cognitive Linguistics, Cerebral Cortex, Cortex, Emotion, Experimental Psychology, Human Brain Mapping, International Journal of Psychophysiology, Journal of Cognitive Neuroscience, Journal of Memory and Language, Journal of Neurolinguistics, Journal of Neuroscience, Journal of Psycholinguistic Research, Nature Neuroscience, Neurobiology of Aging, NeuroImage, Neuropsychologia, Neuroscience Letters, Perceptual and Motor Skills, Psychophysiology, PLoS Medicine, PLoS One, Social

Neuroscience, Proceedings of the National Academy of Sciences, Quarterly Journal of Experimental Psychology.

for Scientific Organisations:

German Science Foundation (DFG); Carl-Zeiss-Foundation, Germany; The Netherlands Organisation for Scientific Research (NWO); Research Foundation-Flanders, Belgium (FOW); Medical Research Council, UK; The Wellcome Trust, UK; Economic and Social Research Council (ESRC), UK; Biotechnology and Biological Science Research Council (BBSRC), UK; Swiss Science Foundation (SSF); National Science Foundation (NSF); Canadian Agencies (CIHR; FQRSC; SSHRC); Israel Science Foundation (ISF).

Affiliations

Cognitive Neuroscience Society
International Society for Women in Cognitive Neuroscience
Society for Neuroscience
Women in Neuroscience
Germany Society for Neuroscience
American Society for Psychology

Organisation of Symposia at International Conferences or Conferences

- *13. Rhythm, Production, & Perception Workshop*, Leipzig, Germany, July 2011.
- *Evoked Potentials International Conference EPIC XIV*, Leipzig, Germany, March 2004:
"Processing words and sentences: ERP patient evidence"
- *Max Planck Institute for Human Cognitive and Brain Sciences*, Leipzig, Germany, September 2004:
"Brain correlates of emotional perception in communication"
- *Speech Prosody 2006*, Dresden, Germany, May 2006:
"Understanding emotions in speech: Neural and cross-cultural evidence"
- *International Neuropsychology Society Meeting – From Plasticity to Rehabilitation*, Zurich, Switzerland, July 2006:
"Prosody and faces as multi-facetted means of emotional expression"
- *35. Arbeitstagung Psychophysiologie und Methodik (APM)*, Leipzig, Germany, June 2009.