

**JONAS OBLESER**

\*1975 in Waiblingen, Baden-Württemberg

*Head of the Max Planck Research Group "Auditory Cognition"  
Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany*

**Contact Information**

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**Research Interest**

- Auditory Perception and Cognition
- Executive Functions (Learning, Memory, Attention) in Speech and Audition
- Neural Oscillations and their Psychological Consequences
- Methodological Advances in Psychology and Cognitive Neuroscience
- Translational Neuroscience Research on Hearing Loss and Ageing

**Education**

- 2004      **Dr. rer. nat. (PhD), summa cum laude**, Psychology, University of Konstanz, Germany (*Referees: Prof. Thomas Elbert, Prof. Carsten Eulitz, Prof. Aditi Lahiri*)
- 2001      **Diplom** (MSc equivalent), Psychology, University of Konstanz, Germany
- 1994      **Abitur** (A-Level equivalent)

**Current Position**

- 2015—      **Full Professor, Department of Psychology, University of Lübeck, Lübeck Germany**
- 2011–2015   **Head of the Max Planck Research Group "Auditory Cognition"**, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany  
*Associate-Professor–equivalent (German: W2), non-tenured*
- 2013      *Six months of parental leave (full time)*

**Academic Experience**

- 2014      **Visiting scholar**, NYU Langone Medical Center and Nathan Kline Institute, New York, New York, USA, Prof. P. Lakatos
- 2007–2010   **Senior Postdoctoral Researcher**, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, Prof. A.D. Friederici
- 2005–2007   **Research Fellow**, Institute of Cognitive Neuroscience, University College London, UK, Prof. S.K. Scott
- 2004–2005   **Postdoctoral Researcher**, Departments of Linguistics and Psychology, University of Konstanz, Germany, Prof. A. Lahiri, Prof. C. Eulitz
- 2001–2003   **Research assistant (PhD student)**, Department of Psychology, University of Konstanz, Germany
- 2004      **Visiting scholar**, Center for Functional and Molecular Imaging, Georgetown University School of Medicine, Washington, DC, USA
- 2002      **Visiting scholar**, Georgetown University, Washington, DC, USA, Prof. J.P. Rauschecker

- 1998–1999 **Intern**, Behavioural Neuroscience Research group, University of Konstanz, Germany, Prof. T.R. Elbert
- 1997–2001 **Undergraduate research assistant**, Psychophysiological Laboratories of the Department of Psychology, Profs. T.R. Elbert & B.S. Rockstroh; Department of Psychology, University of Konstanz, Germany, Prof. G. Trommsdorff

### **Funding**

#### *Current*

- 2011–2015 **Max Planck Research Group “Auditory Cognition”**,  
Max Planck Society, Germany,  
€ 1,300,000
- 2015–2016 **Towards the brain-informed, brain-controlled hearing aid**,  
Volkswagen Foundation,  
*Co-PIs: J. Obleser; T. Lunner*  
€ 100,000
- 2012–2015 **Understanding the hearing impaired brain**,  
Siemens Audiology Solutions,  
€ 120,000
- 2014 **Scientific Exchange Fellowship**,  
Erasmus Mundus programme Auditory Cognitive Neuroscience,  
€ 7,000
- 2015–2016 **Neural adaptive control in the hearing aid**,  
Oticon Foundation  
€ 100,000

#### *Submitted (in review)*

- 2015— **ERC Consolidator Grant**  
€ 2,000,000
- 2016–2018 **Changing Capacity for Communication: a challenge to science and society**,  
Stiftelsen Riksbankens Jubileumsfond , PI: M. Rudner  
€ 800,000

#### *Completed*

- 2011–2013 **Investigating Semantic Networks using Dynamic Causal Modelling with MEG** (PI: B. Maess), Elekta Inc., € 100,000
- 2004–2006 **Neural mechanisms of spatio-temporal coding of speech**, Baden-Württemberg Foundation gGmbH, € 50,000
- 2001–2005 **Contributions** to two successful centre grant applications, German Science Foundation (SFB 471 and FOR 348; PIs: C. Eulitz, A. Lahiri), including € 100,000 for MR-compatible EEG system

### **Appointments**

- 2015 **Full Professorship**, Department of Psychology, University of Lübeck (*accepted*)
- 2013 **Associate Professorship**, Department for Electrical Engineering, Technical University of Denmark (DTU), Copenhagen (*declined*)
- 2010 **Head of a Max Planck Research Group** (*associate-professor-equivalent*), Max Planck Society, Munich (*accepted*)

**Awards and Honours**

- 2014 Selection as **Young Investigator Spotlight speaker** at the Tucker-Davis Technologies (TDT) Symposium on Advances and Perspectives in Auditory Neurophysiology, Washington, DC, November 2014
- 2012 Fellowship in the **Mentoring programme for outstanding young scientists**, Biopsychology section of the German Society for Psychology (DGPs)
- 2010 **Associate Faculty Member**, International Max Planck Research School "NeuroCom"
- 2004 **Postdoctoral elite support programme**, Baden-Württemberg Foundation gGmbH
- 2003 **PhD Award**, Society of the University of Konstanz
- 2002 **Young Investigators Award**, 13th International Conference on Biomagnetism, Jena, Germany
- 2001 **PhD scholarship (Manfred-Ulmer-Stipendium)**, Wissenschaft und Gesellschaft Foundation, Konstanz, Germany

**Honours for supervised works**

- 2014 PhD student Anna Wilsch: Erasmus Mundus Exchange Fellowship, 10 months postdoctoral training at NYU
- Trainee Björn Herrmann: DAAD travel fellowship to attend Neuroscience 2014
- Trainee Malte Wöstmann: Colin Cherry Poster Award, Speech in Noise Workshop, Marseille
- 2013 PhD student Antje Strauß and Postdoc Mathias Scharinger: DAAD travel fellowships to attend "Society for Neurobiology of Language" 2013
- 2012 Trainees Molly Henry and Björn Herrmann: Publication in the trainees-only section "Journal Club" in *The Journal of Neuroscience*
- 2012 Trainee Björn Herrmann: PhD award by the Research Academy Leipzig
- 2012 PhD student Julia Erb: DAAD travel fellowship to attend Neuroscience 2012

**Memberships**

- 2013— Society for Psychophysiological Research
- 2012— Deutscher Hochschulverband
- 2012— Deutsche Gesellschaft für Psychologie (DGPs)
- 2011— Society for the Neurobiology of Language
- 2005— Society for Neuroscience
- 2001— Cognitive Neuroscience Society

**Commissions of trust**

- 2015— *Cognitive Neuroscience Society*, poster committee member
- 2014–2017 *Annual Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN)*, (SfN-Satellite), programme committee member
- 2014— *Editorial Board*, Brain and Language  
+ *Guest Editor*, Special issue "The electrophysiology of language issue"
- 2014— *Review Editor*, Frontiers in Human Neuroscience
- 2010— *Review Editor*, Frontiers in Psychology  
(Sections: Auditory Cognitive Neuroscience; Language Sciences)

- 2006— *Reviews for International funding bodies:*  
 National Science Foundation (NSF; ad hoc and as review panelist),  
 National Institute of Health (NIH; as review panelist),  
 Bundesministerium für Bildung und Forschung (BMBF; as review panelist)  
 Netherlands Organisation for Scientific Research (NWO; ad hoc)  
 Action on Hearing Loss (UK)
- 2001— *Ad hoc reviews for:*  
 Current Biology,  
 PloS Biology,  
 Nature Communications,  
 Brain,  
 Journal of Neuroscience (>5 / Year),  
 Cerebral Cortex,  
 Cortex,  
 Phil Transact Royal Soc B,  
 Journal of Neurophysiology,  
 NeuroImage,  
 Human Brain Mapping,  
 Journal of Cognitive Neuroscience,  
 PloS One,  
 Cognition,  
 Frontiers in Neuroscience,  
 Frontiers in Psychology,  
 Brain and Language,  
 Neuropsychologia,  
 Psychophysiology,  
 Brain Research,  
 Language and Cognitive Processes,  
 European Journal of Neuroscience,  
 Journal of the Acoustical Society of America,  
 Journal of Neurolinguistics,  
 NeuroReport,  
 Neurobiology of Aging,  
 Neuroscience Letters,  
 Journal of Computational Neuroscience

### **Invited Talks**

- 2015 Département des Neurosciences, Geneva, CH
- 2014 Princeton Neuroscience Institute, US  
 Tucker–Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN), Washington, DC, US  
 Boston Hearing Research Center, Boston University, US  
 Institute of Neuroscience and Psychology, Glasgow, UK  
 Institute of Psychology, University of Salzburg, A  
 Institute of Psychology, University of Bielefeld, D  
 Institute of Psychology, University of Münster, D  
 Institute of Psychology, University of Lübeck, D  
 Berlin School of Mind and Brain (Humboldt Graduate School), D  
 Psychology and Neuroscience Department, Maastricht Brain Imaging Centre, NL  
 Tübingen Hearing Research Centre, Universität Tübingen, D

- 2013 5th Ageing and Speech Communication (ASC) Conference, Bloomington, Indiana, US  
Centre for Applied Hearing Research, Technical University of Denmark (DTU), DK  
Institute of Psychology, Hamburg University, D  
Department of Neuropsychology, University of Zürich, Zürich, CH
- 2012 German Society for Medical Physics (43rd Annual Meeting), Jena, D  
Oticon Symposium, Hamburg, D  
Clinical Neuropsychology Research Group, Klinikum Bogenhausen (Munich), D  
European Society for Cognitive and Affective Neuroscience, Marseille, FR  
Department of Psychology, University of Oldenburg, Oldenburg, D  
Institute of Medical Psychology, University of Frankfurt, D  
Eriksholm Research Centre, Oticon, Helsingør, DK
- 2011 German Society for Aphasia and its Treatment, Konstanz, D  
International Symposium on Auditory and Audiological Research (ISAAR),  
Nyborg Strand, DK  
Max Planck Institute for Human Development, Berlin, D  
HEAD Seminar Series, University of Linköping, SE  
Workshop on Speech in Noise: Intelligibility and Quality, Lyon, FR
- 2010 Department of Linguistics, University of Oxford, UK  
Department of Psychology, University of Konstanz, D  
Max Planck Institute for Psycholinguistics, Nijmegen, NL
- 2009 GIPSA Laboratory, Grenoble, FR
- 2008 Centre for Integrative Neuroscience, Tübingen, Germany, D  
Institute of Cognitive Neuroscience, University College London, UK  
Acoustics (formerly Acoustical Society of America), Paris, FR
- 2007 Department of Linguistics, University of Konstanz, D  
Department of Linguistics, University of Potsdam, D
- 2006 F.C. Donders Centre for Cognitive Neuroimaging, Nijmegen, NL  
Max Planck Institute for Hum Cogn Brain Sci, Leipzig, D
- 2005 Institute for Biomagnetism and Biosignal analysis, Muenster, D

### **Organisation of Conferences, Workshops, Symposia**

- 2013 Chair & Organisation, *Hearing and Balance Social*, Society for Neuroscience Meeting, San Diego  
*Signal and Noise in the Auditory Pathway (SNAP)*, 2-day international workshop, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig  
*Alpha re-visited: Neural oscillations in human perception and cognition*, Psychologie und Gehirn Meeting, Würzburg, with Christoph Herrmann
- 2010 *Networks for Communication: Between human, ape, monkey and bird brains*, International Congress of Neuroethology, Salamanca, with Chris Petkov
- 2007 *Speech comprehension as a psychological process*, Tagung experimentell arbeitender Psychologen (TEAP), Trier

### **Other Select Talks**

- 2010 Society for Neuroscience Annual Meeting, San Diego
- 2008 Society for Neuroscience Annual Meeting, Washington, D.C.
- 2006 Society for Neuroscience Annual Meeting, Atlanta

- 2007      Tagung experimentell arbeitender Psychologen (TeaP), Trier
- 2005      Tagung experimentell arbeitender Psychologen (TeaP), Regensburg
- 2004      Tagung experimentell arbeitender Psychologen (TeaP), Gießen
- 2003      Arbeitstagung für Psychophysiologische Methodik (APM), Würzburg  
International Congress of Phonetic Sciences, Barcelona

### **Selected International Collaborations**

- 2002—     Josef Rauschecker, Georgetown University, Washington, DC, USA
- 2006—     Sophie Scott, University College London, UK
- 2007—     Frank Eisner, Max Planck Institute for Neurolinguistics, Nijmegen, NL
- 2007—     Sonja Kotz, Max Planck Institute, Leipzig, DE / Manchester University, UK
- 2008—     Christopher Petkov, University of Newcastle, UK
- 2008—     Nathan Weisz, University of Trento, IT
- 2011—     Thomas Lunner, Eriksholm Research Centre, DK & University of Linköping, SE
- 2011—     Carolyn McGettigan, Royal Holloway, London, UK
- 2013—     Mark Eckert, Medical University of South Carolina, USA
- 2013—     Ed Bartlett, Purdue University, USA
- 2014—     Peter Lakatos, NYU / Nathan Kline Institute, US

### **Public and Media**

- 04-2014    Interview for 1-hour radio feature "The costs of knowledge" (SWR2, Lorenz Schroeter)
- 03-2013    German Science TV ("Nano", 3Sat) feature on *Henry & Obleser (2012) PNAS study*
- 11-2012    Various German radio features ("DRadio Kultur", "Wissen") and international press coverage on *Henry & Obleser (2012) PNAS study*
- 09-2012    International press coverage on *Obleser et al. (2012) J Neurosci study*
- 07-2012    German radio ("DRadio Wissen"), 5-min feature on *Erb et al. (2012) study*
- 03-2012    German radio ("WDR3 Forum"), panel discussion on speech and hearing  
German radio ("Mephisto Leipzig"), scientific commentary on auditory processing
- 02-2012—  Guest writer for the Public science blog "NeuroCognition" at scilogs.eu
- 02-2012    Interview for *dpa [German Press Agency]* on Paisley et al., *PloS Biology* 2012
- 08-2011    *Scientific American, The Atlantic, Folha de Sao Paolo* and *Hürriyet* report on the "Slow Science Academy"
- 10-2010    Public science talk, German Finals for the International JuniorScienceOlympics, Merseburg
- 06-2010    Public science talk, "Biotech meets Public", Biosaxony, at the Leipzig Zoo
- 04-2010    Foundation of the "Slow Science Academy", <http://slow-science.org>
- 08-2009    Public science talk (joint event with the Max Planck Institute for Evolutionary Anthropology) for "Science Express – Research Expedition Germany"
- 08-2008    *This Week in the Journal, The Journal of Neuroscience*: "Lateralization of Speech Comprehension"
- 03-2007    Wellcome Trust Media: "Making sense of the world through a cochlear implant"  
Medical Research Council News: "Tuning out: researchers make sense of background noise"

German and Austrian Press: "Lärm aktiviert Gehirn für besseres Sprachverständnis"

### **Further Qualifications and Service**

- 2015— Member, Board of Examiners, Department of Psychology, University of Lübeck
- 2012— Member of the Search committee for recruiting new graduate students to the International Max Planck Research School (IMPRS), Leipzig
- 2008–10 Member of the IT liaison committee of the Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig
- 2008–12 Member of the election committee for the Institute representative at the Max Planck Senate
- 07-2010– Max Planck Management Development Programme (2-Day seminars)
- 10-2011 Module 1: Enhancing Leadership Impact – Bilateral Leadership and Recruitment  
Module 2: Enhancing Leadership Impact – Team Management and Conflict Resolution  
Module 3: Strategic Development, Project and Process Management  
Module 4: Time and Self Management, Working Methods

### **Supervision, Co-Supervision and Mentoring**

#### Sponsored postdoctoral students:

- 2014— Sophie Herbst
- 2014— Sung-Joo Lim
- 2014–2015 Alex Brandmeyer (*now: Dolby Systems Inc., San Francisco, USA*)
- 2012–2014 Björn Herrmann (*now: Postdoc with Ingrid Johnsrude, Western University, CAN*)
- 2011–2014 Molly Henry (*now: Postdoc with Jessica Grahn, Western University, CAN*)
- 2011–2013 Mathias Scharinger (*now: independent PI on a 3-year DFG grant, University of Leipzig*)

#### Sponsored PhD students (Graduation date shown):

- 2011–2014 Julia Erb, Neural dynamics of perceptual adaptation to degraded speech
- 2011–2014 Antje Strauß, Cognitive–linguistic expectancies in degraded speech
- 2011–2014 Anna Wilsch, Working memory in degraded speech
- 2012–2015 Malte Wöstmann, Auditory degradation and compensatory processes
- 2015— Lorenz Fiedler, Real-time EEG of the listening brain

#### Co-supervised PhD students (Graduation date shown):

- 2015 (exp.) Eline Borch Petersen (Linköping), Cognitive Load in degraded hearing
- 2014 Thomas Golombek (Leipzig), TMS and speech comprehension
- 2013 Lars Meyer (Potsdam), Working Memory and Syntactic Analysis in Speech
- 2008 Ronny Hannemann (Konstanz), Event-related potentials in Deficient Speech

#### Advisory committee membership of PhD students:

- 2014— Leon Krocak, Leipzig
- 2013— Anna Marzecova, Leipzig
- 2013— Claudia Roswandowitz, Leipzig

#### PhD Defence committees:

- 2014 Marieke van der Steen (Dr. rer. nat.), Leipzig
- 2014 Antje Strauß (Dr. rer. nat.), Leipzig
- 2014 Marika Pieszek (Dr. rer. nat.), Leipzig

- 2014 Julia Erb (Dr. rer. nat.), Leipzig  
 2013 Lars Hausfeld (PhD), Maastricht  
 2013 Ediz Sohoglu (PhD), Cambridge  
 2011 Björn Herrmann (Dr. rer. nat.), Leipzig

Supervision of Diploma-BSc-MSc theses:

- 2014 Mirja Kuhlencord, Dopaminergic modulation of perceptual learning (Leipzig)  
 2014 Leonhard Waschke, Adaptation to time-compressed speech (Leipzig)  
 2013 Christoph Daube, Psychophysics of the ERP (Leipzig)  
 2011 Nele Hellbernd, Memory load and degraded speech (Osnabrück)  
 2010 Antje Strauss, [Processing of semantic and phonological collocations in EEG] (Freiburg)  
 2010 Kodjo Vissiennon, [Mastery of auditory complex syntax in 10-year-olds] (Leipzig)  
 2006 Lucia Alba Ferrara, Top-down influences in speech perception (Birkbeck London)  
 2006 Mirae Park, Propositional speech production in functional MRI (UCL London)  
 2006 Alina Welsen, [Categorical perception of intonation contours] (Konstanz)  
 2005 Ronny Hannemann, [Induced brain activity in degraded speech] (Konstanz)  
 2003 Andreas Kupka, [EEG in detecting place of articulation differences] (Konstanz)

Interns and Research Assistants:

- 2014— Kristina Bauer (University of Leipzig)  
 2013 Selma Kemmerer (University of Maastricht)  
 2013— Leonhard Waschke (University of Leipzig)  
 2013— Mirja Kuhlencord (University of Leipzig)  
 2012–2013 Elisabeth Muche (University of Leipzig)  
 2012— Steven Kalinke (University of Leipzig)  
 2012–2013 Nadine Schlichting (University of Chemnitz)  
 2011–2013 Christoph Daube (University of Leipzig)  
 2011 Matthias Powelleit (University of Braunschweig)  
 2011 Zoe Schlueter (University of York)  
 2011–2012 David Stoppel (University of Leipzig)  
 2011–2012 Christina Otto (University of Leipzig)  
 2011 Janet Giehl (University of Bamberg)  
 2010 Nele Hellbernd (University of Osnabrück)  
 2010 Malte Wöstmann (University of Osnabrück)  
 2009 Antje Strauss (University of Freiburg)  
 2009–2011 Sergej Schwigon (University of Leipzig)  
 2009 Betty Wielsch (University of Leipzig)  
 2007 Mathias Barthel (University of Leipzig)  
 2007–2008 Beatrice Neumann (University of Leipzig)  
 2005–2006 Gabriele Barthel (University of Konstanz)  
 2004–2005 Ronny Hannemann (University of Konstanz)  
 2004 Mirjam Bitzer (University of Konstanz)  
 2002–2005 Sonja Schumacher (University of Konstanz)

**List of Publications**Bibliographical Record

h-Index 25 (Google scholar), 19 (Web of Knowledge), 21 (Scopus)  
i10-Index 38

*Number of publications*

total 73  
as first author 20  
as senior author 31

Number of citations ~ 1800 (~1350 without self-citations)  
Impact Factor 390 (cumulated 5-year impact factors of all journals)

[My profile at Google Scholar](#)Five Selected Publications

\* indicates student/trainee author

Henry, M.J.\* & **Obleser, J.** (2012) Frequency modulation entrains slow neural oscillations and optimizes human listening behavior. *Proceedings of the National Academy of Sciences of the United States of America (P N A S)*. 109(49): 20095–20100

**Obleser, J.**, Woestmann, M.\*, Hellbernd, N.\*, Wilsch, A.\*, Maess, B. (2012) Adverse listening conditions and memory load drive a common alpha oscillatory network. *The Journal of Neuroscience*. 32(36):12376–83.

**Obleser, J.**, Wise, R.J.S., Dresner, M.A., Scott, S.K. (2007) Functional integration across brain regions improves speech perception under adverse listening conditions. *The Journal of Neuroscience*. 27:2283–2289.

Strauß, A.\*, Henry, M.J.\*, Scharinger, M., **Obleser, J.** Alpha phase determines successful lexical decision in noise. *The Journal of Neuroscience*. In press.

**Obleser, J.**, Eisner, F. (2009) Pre-lexical abstraction of speech in the auditory cortex. *Trends in Cognitive Sciences*. 13(1):14–19.

Complete list of all peer-reviewed publications

\* indicates student/trainee author

- Herrmann, B. \*, Henry, M.J. \*, Fromboluti, E.K., McAuley, J.D., **Obleser, J.** . Statistical Context Shapes Stimulus-Specific Adaptation in Human Auditory Cortex. *Journal of Neurophysiology*. In press.
- Strauß, A.\*, Henry, M.J.\*, Scharinger, M., **Obleser, J.** (2015) Alpha phase determines successful lexical decision in noise. *The Journal of Neuroscience*. In press.
- Wilsch, A. \*, Henry, M.J. \*, Herrmann, B. \*, Maess, B., **Obleser, J.** (2015) Slow-delta phase concentration marks improved temporal expectations based on the passage of time. *Psychophysiology*. In press.
- Wöstmann, M.\*, Herrmann, B.\*, Wilsch, A.\*, **Obleser, J.** (2015) Neural alpha dynamics reflect acoustic challenges and predictive benefits in adverse listening situations. *The Journal of Neuroscience*. 35(4):1458-67.
- Henry, M.J.\*, Herrmann, B.\*, **Obleser, J.** (2015) Selective attention to temporal features nested in time. *Cerebral Cortex*. 25(2):450–9.
- Wöstmann, M.\*, Schröger, E., **Obleser, J.** (2014) Acoustic detail cues allocation of attention in a selective listening task. *Journal of Cognitive Neuroscience*. 12:1–13.

7. Scharinger, M.\*, Henry, M.J.\*, **Obleser, J.** (2014) Acoustic cue selection and discrimination under degradation: Differential contributions of inferior parietal and posterior temporal cortex. *Neuroimage*. 106:373–81.
8. Henry, M.J.\*, Herrmann, B.\*, **Obleser, J.** (2014) Entrained neural oscillations in multiple frequency bands co-modulate behavior. *Proceedings of the National Academy of Sciences of the United States of America (P N A S)*. 11(41): 14935–14940.
9. Hartwigsen, G., Golombek, T.\*, **Obleser, J.** (2014) Repetitive transcranial magnetic stimulation over left angular gyrus modulates the predictability gain in degraded speech comprehension. *Cortex*. In press (Epub ahead of print)
10. Herrmann, B.\*, Henry, M.J.\*, Scharinger, M.\*, **Obleser, J.** (2014) Supplementary motor area activations predict individual differences in temporal-change sensitivity and its illusory distortions. *Neuroimage*. 101:370–9.
11. Wilsch, A.\*, Henry, M.J.\*, Herrmann, B.\*, Maess, B., **Obleser, J.** (2014) Alpha oscillatory dynamics index temporal expectation benefits in working memory. *Cerebral Cortex*. In press.
12. Herrmann, B.\*, Schlichting, N.\*, & **Obleser, J.** (2014). Dynamic range adaptation to spectral stimulus statistics in human auditory cortex. *The Journal of Neuroscience*. 34(1):327-31.
13. **Obleser, J.**, Putting the listening brain in context. *Language and Linguistics Compass*. 8/12 (2014): 646–658.
14. Meyer, L.\*, Cunitz, K., **Obleser, J.**, Friederici, A.D. Sentence processing and verbal working memory in a white-matter-disconnection patient. *Neuropsychologia*. 61:190–6.
15. Scharinger, M.\*, Herrmann, B. \*, Nierhaus, T., **Obleser, J.** Neural dynamics of auditory cue utilisation in simultaneous EEG-fMRI. *Frontiers in Neuroscience*. 8:137
16. Strauß, A.\*, Wöstmann, M.\*, **Obleser, J.** Cortical alpha oscillations as a tool for auditory selective inhibition. *Frontiers in Neuroscience*. 8:350.
17. Strauß, A.\*, Kotz, S.A., Scharinger, M.\*, **Obleser, J.** (2014) Alpha and theta brain oscillations index dissociable processes in spoken word recognition. *Neuroimage*. 97:387-95.
18. Bendixen, A., Scharinger, M.\*, Strauß, A.\*, **Obleser, J.** (2014) Prediction in the Service of Speech Comprehension: Modulated Early Brain Responses to Omitted Speech Segments. *Cortex*. 53:9-26.
19. Weisz, N. & **Obleser, J.** (2014). Synchronisation signatures in the listening brain: a perspective from noninvasive neuroelectrophysiology. *Hearing Research*. 307:16-28.
20. Erb, J.\* & **Obleser, J.** (2013) Upregulation of cognitive control networks in older adults' speech comprehension. *Frontiers in Systems Neuroscience*. 7:116.
21. Keil, J., Timm, J., San Miguel, I., Schulz, H., **Obleser, J.**, Schönwiesner, M. (2013) Cortical brain states and corticospinal synchronization influence TMS-evoked motor potentials. *Journal of Neurophysiology*. 111(3):513–9.
22. Henry, M.J.\* & **Obleser, J.** (2013) Dissociable neural response signatures for slow amplitude and frequency modulation in human auditory cortex. *Plos One*. 8(10):e78758.
23. Herrmann, B. \*, Henry, M.J.\*, Grigutsch, M., **Obleser, J.** (2013) Oscillatory Phase Precision in Neural Entrainment Underpins Illusory Percepts of Time. *The Journal of Neuroscience*. 33(40): 15799–15809.
24. Scharinger, M.\*, Henry, M.J.\*, Erb, J.\*, Meyer, L.\*, **Obleser, J.** (2013) Thalamic and parietal brain morphology predicts auditory category learning. *Neuropsychologia*. 53:75-83.
25. Sehm, B., Schnitzler, T., **Obleser, J.**, Groba, A., Ragert, P., Villringer, A., Obrig, H. Facilitation of inferior frontal cortex by tDCS induces perceptual learning of severely degraded speech. *The Journal of Neuroscience*. 33(40):15868–15878.
26. Erb, J.\*, Henry, M.J.\*, Eisner, F., **Obleser, J.** (2013) The brain dynamics of rapid adaptation to adverse

- listening conditions. *The Journal of Neuroscience*. 33(26):10688–10697.
27. Herrmann, B. \*, Henry, M.J.\*, Scharinger, M.\*, **Obleser, J.** (2013) Auditory filter width affects response magnitude but not frequency specificity in auditory cortex. *Hearing Research*. 304:128–136.
  28. Strauß, A.\*, Kotz, S.A., **Obleser, J.** (2013) Narrowed expectancies under degraded speech: Revisiting the N400. *Journal of Cognitive Neuroscience*. In press.
  29. Müller, N., Keil, J., **Obleser, J.** Schulz, H., Grunwald, T., Huppertz, H.J., Weisz, N. You can't stop the music – reduced auditory alpha power and enhanced auditory–parahippocampal coupling facilitate the illusion of continuity during noise. *Neuroimage*. In press.
  30. Golestani, N., Hervais-Adelman, A., **Obleser, J.**, Scott, SK. Semantic versus perceptual interactions in neural processing of speech-in-noise. *Neuroimage*. In press.
  31. Herrmann, B.\*, Henry, M.J.\*, **Obleser, J.** (2013) Frequency-specific adaptation in human auditory cortex depends on the spectral variance in the acoustic stimulation. *Journal of Neurophysiology*. 109(8):2086–96.
  32. Henry, M.J.\* & **Obleser, J.** (2012) Frequency modulation entrains slow neural oscillations and optimizes human listening behavior. *Proceedings of the National Academy of Sciences of the United States of America (P N A S)*. 109(49): 20095–20100
  33. **Obleser, J.**, Herrmann, B.\* and Henry, M.J.\* (2012). Neural oscillations in speech: Don't be enslaved by the envelope. *Frontiers in Human Neuroscience*. 6:250.  
*Comment on: Giraud AL, Poeppel D. Nat Neurosci. 2012 15(4):511-7.*
  34. **Obleser, J.**, Woestmann, M.\*, Hellbernd, N.\*, Wilsch, A.\*, Maess, B. (2012) Adverse listening conditions and memory load drive a common alpha oscillatory network. *The Journal of Neuroscience*. 32(36):12376–83.
  35. Scharinger, M.\*, Henry, M.J.\*, **Obleser, J.**, (2013). Prior experience with negative spectral correlations promotes information-integration during auditory category learning. *Memory & Cognition*. In press.
  36. Meyer, L.\*, **Obleser, J.**, Kiebel, S.J., Friederici, A.D. (2012) Spatiotemporal dynamics of argument retrieval and reordering: an fMRI and EEG study on sentence processing. *Frontiers in Psychology* 3:523
  37. Tuomainen, J., Savela, J., **Obleser, J.**, Aaltonen, O. (2012). Attention modulates the use of spectral attributes in vowel discrimination: Behavioral and event-related potential evidence. *Brain Research*. in press.
  38. **Obleser, J.**, Weisz, N. (2012) Suppressed alpha oscillations predict intelligibility of speech and its acoustic details. *Cerebral Cortex*. 22: 2466-2477.
  39. Scharinger, M.\*, Bendixen, A., Trujillo-Baretto, N., **Obleser, J.** (2012) A sparse neural code for some speech sounds but not for others. *PLoS One*. 7(7):e40953.
  40. Herrmann, B.\*, **Obleser, J.**, Kalberlah, C., Haynes, J.D., Friederici, A.D. (2012) Dissociable neural imprints of perception and grammar in auditory functional imaging. *Human Brain Mapping*. 33(3): 584–95.
  41. Meyer, L.\*, **Obleser, J.**, Anwender, A., Friederici, A.D. (2012) Sentence processing: Linking syntax in Broca's area to working memory in left temporo-parietal regions. *Neuroimage*. 62(3): 1987–1998.
  42. Erb, J.\*, Henry, M.J.\*, Eisner, F., **Obleser, J.** (2012) Auditory skills and brain morphology predict individual differences in adaptation to degraded speech. *Neuropsychologia*. 50(9):2154–64.
  43. Knoll, L.J.\*, **Obleser, J.**, Schipke, C.S., Friederici, A.D., and Brauer, J. (2012) Left prefrontal cortex activation during sentence comprehension covaries with grammatical knowledge in children. *Neuroimage*. 62(1):207–16.

44. Jessen, S., **Obleser, J.**, Kotz, S.A. (2012) How Bodies and Voices Interact in Early Emotion Perception. *PloS One*. 7(4):e36070.
45. Meyer, L.\* , **Obleser, J.**, Friederici, A.D. (2012) Left parietal alpha enhancement during working memory-intensive sentence processing. *Cortex*. 49(3):711–721.
46. McGettigan, C., Faulkner, A., Altarelli, I., **Obleser, J.**, Scott, S.K. (2012) Speech comprehension aided by multiple modalities: behavioural and neural interactions. *Neuropsychologia*. 50(5):762–76.
47. **Obleser, J.**, Meyer, L.\* , Friederici, A.D. (2011) Dynamic assignment of neural resources in auditory comprehension of complex sentences. *Neuroimage*. 56:2310–2320.
48. **Obleser, J.**, Kotz, S.A. (2011) Multiple brain signatures of integration in the comprehension of degraded speech. *Neuroimage*. 55:713–723.
49. Weisz, N., Hartmann, T., Müller, N, Lorenz I, **Obleser, J.** (2011) Alpha rhythms in audition: cognitive and clinical perspectives. *Frontiers in Psychology*. 2:73.
50. **Obleser, J.**, Leaver, A.M., Van Meter, J., Rauschecker, J.P. (2010) Segregation of vowels and consonants in human auditory cortex: Evidence for distributed hierarchical organization. *Frontiers in Psychology*. 1:232.
51. **Obleser, J.**, Kotz, S.A. (2010) Expectancy constraints in degraded speech modulate the speech comprehension network. *Cerebral Cortex*. 20(3): 633–640.
52. Friederici, A.D., Kotz, S.A., Scott, S.K., **Obleser, J.** (2010) Disentangling Syntax and Intelligibility in Auditory Language Comprehension. *Human Brain Mapping*. 31(3):448–57.
53. Holle, H., **Obleser, J.**, Rüschemeyer, S.A., Gunter, T. ( 2010) Integration of iconic gestures and speech in left superior temporal areas boosts speech comprehension under adverse listening conditions. *Neuroimage*. 49(1): 875–884.
54. **Obleser, J.**, Eisner, F. (2009) Pre-lexical abstraction of speech in the auditory cortex. *Trends in Cognitive Sciences*. 13(1):14–19.
55. Petkov, C., Logothetis, N., **Obleser, J.** (2009) Where are the human speech and voice regions and do other animals have anything like them? *The Neuroscientist*. 15(5):419–429.
56. Assadollahi, R., Meinzer, M., Flaisch, T., **Obleser, J.**, Rockstroh, B. (2009) The representation of the verb's argument structure as disclosed by fMRI. *BMC Neuroscience*. 10:3.
57. **Obleser, J.**, Eisner, F., Kotz, S.A. (2008) Bilateral speech comprehension reflects differential sensitivity to spectral and temporal features. *The Journal of Neuroscience*. 28(32):8116–8124.
58. **Obleser, J.**, Wise, R.J.S., Dresner, M.A., Scott, S.K. (2007) Functional integration across brain regions improves speech perception under adverse listening conditions. *The Journal of Neuroscience*. 27:2283–2289.  
*See also comment by: Ghazanfar AA and Pinsk MA (2007) Current Biology, 17: R420-R422.*
59. **Obleser, J.**, Zimmermann, J., Van Meter, J., Rauschecker, J.P. (2007) Multiple stages of auditory speech perception reflected in event-related fMRI. *Cerebral Cortex*. 17(10):2251–2257.
60. Meinzer, M., **Obleser, J.**, Flaisch, T., Eulitz, C., Rockstroh, B. (2007) Recovery from aphasia as a function of language therapy in an early bilingual patient demonstrated by fMRI. *Neuropsychologia*. 45(6):1247–1256.
61. Eulitz, C., **Obleser, J.** (2007) Perception of acoustically complex phonological features in vowels is reflected in the induced brain-magnetic activity. *Behavioral and Brain Functions*. 3:26.
62. Hannemann, R.\* , **Obleser, J.**, Eulitz, C. (2007) Top-down knowledge supports the retrieval of lexical information from degraded speech. *Brain Research*. 1153:134–143.
63. Tavabi, K., **Obleser, J.**, Dobel, C., Pantev, C. (2007) Auditory evoked fields differentially encode speech features: An MEG investigation of the P50m and N100m time courses during syllable processing. *European The Journal of Neuroscience*. 25(10):3155–3162.

64. **Obleser, J., Scott, S.K., Eulitz, C.** (2006) Now you hear it, now you don't: Transient traces of consonants and their nonspeech analogues in the human brain. *Cerebral Cortex*. 16(8):1069–1076.
65. **Obleser, J., Boecker, H., Drzezga, A., Haslinger, B., Hennenlotter, A., Roetinger, M., Eulitz, C., Rauschecker, J.P.** (2006) Vowel sound extraction in anterior superior temporal cortex. *Human Brain Mapping*. 27(7):562–571.
66. Meinzer, M., Flaisch, T., **Obleser, J., Assadollahi R., Djundja D., Barthel, G., Rockstroh B.** (2006) Brain regions essential for improved lexical access in an aged aphasic patient: A case report. *BMC Neurology*. 6:28.
67. **Obleser, J., Lahiri, A., Eulitz, C.** (2004) Magnetic brain response mirrors extraction of phonological features from spoken vowels. *Journal of Cognitive Neuroscience*. 16(1):31–39.
68. **Obleser, J., Elbert, T., Eulitz, C.** (2004) Attentional Influences on Functional Mapping of Speech Sounds in Human Auditory Cortex. *BMC Neuroscience*. 5:24.
69. **Obleser, J., Eulitz, C., Rockstroh, B.** (2004) Gender differences in hemispheric asymmetry of syllable processing: Left-lateralized magnetic N100 varies with syllable categorization in females. *Psychophysiology*. 41(5):783–788.
70. Eulitz, C., **Obleser, J., Lahiri, A.** (2004) Intra-subject replication of brain magnetic activity during the processing of speech sounds. *Brain Research*. 19(1):82–91.
71. **Obleser, J., Lahiri, A., Eulitz, C.** (2003) Auditory evoked magnetic field codes place of articulation in timing and topography around 100ms post syllable onset. *NeuroImage*. 20(3):1839–1847.
72. **Obleser, J., Elbert, T., Lahiri, A., Eulitz, C.** (2003) Cortical representation of vowels reflects acoustic dissimilarity determined by formant frequencies. *Brain Research*. 15(3):207–213.
73. **Obleser, J., Eulitz, C., Lahiri, A., Elbert, T.** (2001) Gender differences in functional hemispheric asymmetry during processing of vowels as reflected by the human brain magnetic response. *Neuroscience Letters*. 314(3):131–134.

Conference proceedings / Book chapters

- Obleser, J., Strauß, A.\* & Wilsch, A.\*** (2011). Neurocortical mechanisms of comprehension in degraded speech. In T. Dau, M. L. Jepsen, J. Cristensen-Dalsgaard, & T. Poulsen (Eds.). *Speech perception and auditory disorders* (pp. 251–262). Presented at the 3rd International Symposium on Auditory and Audiological Research, Nyborg, Denmark: The Danavox Jubilee Foundation.
- Lohmann, G., **Obleser, J., Friederici, A. D., Turner, R.** (2009) Spectral clustering of low-frequency fluctuations in fMRI data reveal a distinct separation between the superior temporal sulcus and the superior temporal gyrus. In: ISMRM (Ed.) 17th Meeting of the Int. Soc. for Magn. Resonance in Medicine.
- Obleser, J., Eulitz, C., Reetz, H., Lahiri, A.** (2003) Phonological features of speech segments are reflected in the auditory evoked brain response around 100 ms post stimulus onset. In: *Proceedings of the 15th International Congress of Phonetic Sciences (2003)*, 1643–1645.
- Eulitz, C., Lahiri, A., **Obleser, J., Reetz, H.** (2003) Brain electric activity reflects the underspecification of phonological features in the mental lexicon. In: *Proceedings of the 15th International Congress of Phonetic Sciences*, 1631–1633.
- Obleser, J., Eulitz, C.** (2002) Extraction of phonological features from spoken vowels is mirrored by the MEG response. In: Nowak, H., Haueisen, J., Gießler, F., Huonker, R. (Eds.), *Proceedings of the 13th International conference on Biomagnetism*, pp. 359–361, Berlin: VDE.
- Eulitz, C., **Obleser, J., Reetz, H., Lahiri, A.** (2002) Cortical structures, underspecification and mental representation. In: *Proceedings of the 9th Australian International Conference on Speech Science & Technology*, 521–526.

Monographies

- Obleser, J.** (2013). *The brain dynamics of comprehending degraded speech*. Der Fakultät für Biowissenschaften, Pharmazie und Psychologie der Universität Leipzig eingereichte Habilitationsschrift. Leipzig.
- Obleser, J.** (2004). *Neurobiology of Speech Perception: Evidence from Functional Brain Mapping*. Dissertationsschrift. Konstanz. <http://nbn-resolving.de/urn:nbn:de:bsz:352-opus-12617>

Poster Presentations as first author:

- 2011 Society for Neuroscience Meeting, Washington, DC  
Cognitive Neuroscience Society Meeting, San Francisco
- 2010 Neurobiology of Language Conference, San Diego  
Cognitive Neuroscience Society Meeting, Montréal
- 2009 Society for Neuroscience Meeting, Chicago  
International Conference on Auditory Cortex, Magdeburg
- 2008 Society for Neuroscience Meeting, San Francisco
- 2007 Society for Neuroscience Meeting, New York City
- 2006 International Conference on Auditory Cortex, Grantham  
Meeting of the Association for Research in Otolaryngology (ARO), Baltimore
- 2005 Society for Neuroscience Meeting, Washington, D.C.  
Society for Neuroscience Meeting, New York City
- 2004 Human Brain Mapping Meeting, Budapest
- 2003 International Conference on Auditory Cortex, Magdeburg
- 2002 Cognitive Neuroscience Society Meeting, San Francisco  
International conference on Biomagnetism (BioMag), Jena
- 2001 Arbeitstagung für Psychophysiologische Methodik (APM), Marburg  
Society for Psychophysiological Research Meeting, Montréal

Poster Presentations as Senior- or Co-Author

- 2015 Cognitive Neuroscience Society Meeting,  
*Brandmeyer et al., Lim et al., Wöstmann et al.*
- 2014 Auditory Cortex Meeting, Magdeburg  
*Brandmeyer et al., Henry et al., Herrmann et al.*  
Society for Neuroscience Meeting, Washington, DC  
*Borch Petersen et al., Henry et al., Herrmann et al., Wöstmann et al., Wilsch et al.*  
Society Neurobiology of Language Conference, Amsterdam  
*Lim et al.*  
Workshop on Speech in Noise: Intelligibility and Quality, Marseille  
*Wöstmann et al.*  
Cognitive Neuroscience Society Meeting, Boston  
*Herrmann et al., Wilsch et al., Woestmann et al.*
- 2013 Society for Neuroscience Meeting, San Diego  
*Henry et al., Daube et al., Erb et al., Herrmann et al., Kotz et al.*

- Neurobiology of Language Conference, San Sebastian  
*Scharinger et al., Strauß et al.*
- Rhythmic Dynamics and Cognition Conference, Boston  
*Henry et al., Herrmann et al.*
- Conference on Cognitive Hearing Science for Communication, Linköping  
*Henry et al., Herrmann et al., Wöstmann et al.*
- Psychologie & Gehirn Meeting, Würzburg  
*Erb et al., Wilsch et al., Herrmann et al.*
- Cognitive Neuroscience Society Meeting, San Francisco  
*Scharinger et al., Wilsch et al.*
- Deutsche Gesellschaft für Klin. Neurophysiologie und Funkt. Bildgebung *Golombek et al.*
- 2012 German Society for Aphasia and its treatment, Leipzig  
*Erb et al., Meyer et al., Strauß & Obleser*
- Neurobiology of Language Conference, San Sebastian  
*Scharinger et al., Strauß & Obleser*
- Advances and Perspectives in Auditory Neurophysiology Symposium  
*Henry & Obleser*
- Society for Neuroscience Meeting, New Orleans  
*Henry & Obleser (2x), Erb et al., Wilsch et al., Scharinger et al., McGettigan et al.*
- Auditory Cortex Annual Meeting, Lausanne  
*Henry & Obleser, Herrmann et al., McGettigan et al.*
- Cognitive Neuroscience Society Meeting, Chicago  
*Erb et al., Henry et al., Mamashli et al., Strauß et al.*
- 2011 Society for Neuroscience Meeting, Washington, DC  
*Scharinger et al., Bendixen et al., Jessen et al., Petkov & Obleser*
- Neurobiology of Language Conference, Washington, DC  
*Scharinger et al.*
- International Society for Research on Emotion, Kyoto  
*Jessen et al.*
- Structuring the Argument, Paris, France  
*Meyer et al.*
- European Society for Cognitive Psychology (ESCOP), San Sebastian, Spain  
*Knoll et al.*
- Human Brain Mapping Meeting, Quebec  
*Sehm et al.*
- Cognitive Neuroscience Society Meeting, San Francisco  
*Meyer et al., Herrmann et al.*
- Workshop on Speech in Noise: Intelligibility and Quality, Lyon  
*Hervais Adelman et al.*
- 2010 Cognitive Neuroscience Society Meeting, Montréal  
*Meyer et al.*
- 2009 Society for Neuroscience Meeting, Chicago  
*McGettigan et al.*
- International Conference on Auditory Cortex, Magdeburg  
*McGettigan et al.*

LIST OF PUBLICATIONS

Meeting of the Int. Soc. for Magn. Res. in Medicine (ISMRM), Hawaii  
Human Brain Mapping Meeting, San Francisco

*Lohmann et al.*

Cognitive Neuroscience Society Meeting, San Francisco

*Kotz et al.*

Conference on Mismatch Negativity (MMN), Budapest

*Tuomainen et al.*

2006 Cognitive Neuroscience Society Meeting, San Francisco

*Hannemann et al.*

International conference on Biomagnetism, Vancouver

*Tavabi et al.*

Conference on Mismatch Negativity (MMN), Cambridge

*Eulitz et al.*

2002 Arbeitstagung für Psychophysiologische Methodik (APM), Tübingen

*Eulitz et al.*

2001 Cognitive Neuroscience Society Meeting, New York City

Society for Psychophysiological Research Meeting, Montréal

*Eulitz et al.*

**Teaching record**Courses and Lectures*Courses and Lecture Series (BSc, MSc)*

- 2015      Statistics I  
(4 SWS)
- Psychological testing: theory and development  
(2 SWS)
- 2013/14    General Psychology II: Learning, Memory, & Motivation, Leipzig, Psychology (BSc), 3. Semester (2 × 2 SWS)
- 2012/13    General Psychology II: Learning, Memory, & Motivation, Leipzig, Psychology (BSc), 3. Semester (2 × 2 SWS)  
+ *Select sessions in parallel "General Psychology II: Attention & Emotion" seminar on "How can Attention, Motivation, and Emotion be related? (Emotion regulation)"*
- 2012      Methods of Cognitive Neuroscience (Module: Methods of Psychology), with Moritz Daum, Leipzig, Psychology (BSc), 2. Semester  
(2 SWS)
- 2011/12    General Psychology: Learning, Memory, & Motivation, Leipzig, Psychology (BSc), 3. Semester (2 × 2 SWS)  
+ *Select sessions in parallel "General Psychology II: Attention & Emotion" seminar on "How can Attention, Motivation, and Emotion be related? (Emotion regulation)"*
- 2011      Methods of Cognitive Neuroscience (Module: Methods of Psychology), with Moritz Daum, Leipzig, Psychology (BSc) , 2. Semester  
(2 SWS)
- 2005      Neurocognition of Phonology and Morphology, with Carsten Eulitz, Linguistics (BA) and Psychology (Diplom), Konstanz  
(2 SWS)
- 2004      Neurocognition of language: Seminar, Subject Cognitive Neuroscience, with Claudia Friedrich, Psychology (Diplom), Konstanz  
(2 SWS)
- 2002      Neural systems of Cognition: Seminar, with Carsten Eulitz, Psychology, Konstanz, Biological Psychology (Vordiplom),  
(2 SWS)

Single lectures (BSc, MSc, Diplom)

- 2014      Basic Terminology and Structure of the Central Nervous System, BSc Psychology, University of Salzburg
- 2013      Auditory Cognition, International Max Planck Research School (IMPRS), Leipzig
- 2010      Neural Bases of Acoustic & Phonetic Processing, in the International Max Planck Research School (IMPRS), Leipzig
- Positron-Emission-Tomography, in the Methods of Cognitive Neuroscience series, Leipzig

TEACHING RECORD

2008 Localization in the brain: Acoustics, Prosody, Semantics, in the Graduate School of Mind & Brain, Berlin

2005 Auditory neuroscience, in the Neuropsychology lecture series, Psychology, Konstanz

Basics of neuroimaging: MRI, fMRI, PET, in the Neuropsychology lecture series, Psychology, Konstanz

2004 Auditory neuroscience, in the Neuropsychology lecture series, Psychology, Konstanz

Basics of neuroimaging: MRI, fMRI, PET, in the Neuropsychology lecture series, Psychology, Konstanz

Journal Clubs · Colloquia

2010— Speech & Sound Club, Guest Lecture series featuring international guest speakers, Leipzig

2005–2006 Journal Club for Speech & Neuroimaging, Institute of Cognitive Neuroscience, London

2002–2003 Neurolinguistics Journal Club, University of Konstanz, with Carsten Eulitz, Konstanz