

Curriculum Vitae

Dr. Romi Zäske



Contact Details

Address: Abteilung für Experimentelle HNO-Wissenschaft
Klinik und Poliklinik für Hals-, Nasen-, Ohrenheilkunde
Universitätsklinikum Jena
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<http://www.voice.uni-jena.de/>

Education

2010 Dr. phil. in Psychology (equivalent to PhD), summa cum laude,
Friedrich Schiller University of Jena, Germany
Title: *On the representation of speaker information in human
voices: An adaptation approach.* Supervisor: Prof. Dr. S.R.
Schweinberger

2007 Dipl.-Psych. (equivalent to M.Sc.), Leipzig University, Germany
Title: *Effects of selective attention on explicit and implicit memory
for voices.* Supervisors: Prof. Dr. S.R. Schweinberger, Prof. Dr. E.
Schröger

2004 - 2005 ERASMUS exchange student at Glasgow Caledonian University,
Scotland, UK

2002 Vordiplom (equivalent to B.Sc.), Leipzig University, Germany

2000 Abitur (1.0), Ludwigsgymnasium Köthen, Germany

Employment

- 05/2016 - present** Post-doctoral Researcher, Department of Otorhinolaryngology, Jena University Hospital, Jena, Germany, Supervisor: Prof. Dr. C. Dobel
- 05/2015 – 12/2015** Visiting Researcher at the University of Bern, Switzerland, (Center for Cognition, Learning and Memory), Collaborator: Prof. Dr. K. Henke
- 05/2013 - 12/2013** Visiting Researcher at the University of Glasgow, Scotland, UK (Voice Neurocognition Laboratory), Collaborator: Prof. Dr. P. Belin
- 07 - 08/2009** Neuropsychological Internship (temporary replacement), Geriatriische Klinik, Friedrich-Schiller-Universität Jena, Dr. med A. Kwetkat (head of department), Supervisor: Dr. K. Walter-Walsh
- 05 - 08/2009** Neuropsychological Internship, Hans-Berger-Klinik für Neurologie, Friedrich-Schiller-Universität Jena, Prof. Dr. med. O. W. Witte (head of department), Supervisor: PD Dr. P. Bublak
- 10/2010 - present** Post-doctoral Researcher, Department of General Psychology and Cognitive Neuroscience, Friedrich Schiller University of Jena, Germany, Supervisor: Prof. Dr. S.R. Schweinberger
- 11/2007 - 10/2010** Doctoral Researcher, Department of General Psychology and Cognitive Neuroscience, Friedrich Schiller University of Jena, Germany, Supervisor: Prof. Dr. S.R. Schweinberger
- 04 - 09/2007** Student Research Assistant, Department of General Psychology and Cognitive Neuroscience, Friedrich Schiller University of Jena, Germany, Supervisor: Prof. Dr. S.R. Schweinberger
- 03 - 07/2005** Student Research Assistant, Department of Psychology, Glasgow University, Scotland, UK, Supervisor: Dr. J.M. Kaufmann
- 10/2003 - 01/2004** Internship at the Diakonie-Krankenhaus Elbingerode, Department Psychotherapeutische Medizin (PTM), Chefarzt Dr. med. M. Steinbach, Supervisor: Dipl.-Psych. M. Schaub

Awards and Scholarships

- 05/2015 – 09/2015** Hans Sigrist Supplementary Grant, University of Bern, Switzerland (CHF 4,500)
- 05/2012** Amélie-Mummendey Young Researchers Award of the Friedrich Schiller University of Jena, Germany (€500)

09/2004 - 08/2005 ERASMUS scholarship, Glasgow Caledonian University, Scotland, UK (€900)

Research Grants

- 10/2017** Zäske, R.: Memory for Voices: The Role of Attention. Research Grant, Deutsche Forschungsgemeinschaft (DFG), ZA 745/3-1 (€194,193)
- 10/2014 – 09/2015** Zäske, R.: Determinants of Voice Learning. Renewal Grant within the Research Unit „Person Perception“. Deutsche Forschungsgemeinschaft (DFG), ZA 745/1-2 (€92,800)
- 10/2012 – 09/2014** Zäske, R., Kaufmann, J.M., & Schweinberger, S.R.: Determinants of Voice Learning. Research Grant within Research Unit „Person Perception“. Deutsche Forschungsgemeinschaft (DFG), ZA 745/1-1 (€185,217)
- 05/2013 – 05/2013** Young Researcher's Grant (Programm zur Förderung der Drittmittelfähigkeit von Nachwuchswissenschaftlerinnen und Nachwuchswissenschaftlern) awarded by the Friedrich Schiller University of Jena for the project proposal "Neural Correlates of Voice Learning" (€8,465)

Professional Activities

Reviewing for scientific journals: Acta Psychologica
Attention, Perception, & Psychophysics
Brain Research
Cognition
Cortex
Hearing Research
JEPHPP
JSLHR
Neuroimage
Neuropsychologia
PLOS ONE
Quarterly Journal of Experimental Psychology
Social Cognitive and Affective Neuroscience
Visual Cognition

research councils: Deutsche Forschungsgemeinschaft (DFG), Germany

Membership in scientific societies

Experimental Psychology Society (EPS), UK
Deutsche Gesellschaft für Psychologie (DGPs), Germany
Society for Psychophysiological Research (SPR), USA

Research Interests

- Topics: Cognitive Neuroscience
Voice Perception, Learning and Memory
Audiovisual Integration in Speaker Perception
Adaptation and Priming
Auditory Attention
Disorders of Auditory Processing
- Techniques: Psychophysics
Electroencephalography (EEG)
Polysomnography
Functional Magnetic Resonance Imaging (fMRI)

Articles in Peer-Reviewed Journals

Zäske, R., Limbach, K., Schneider, D., Skuk, V.G., Dobel, C., Guntinas-Lichius, O., & Schweinberger, S.R. (in press). Electrophysiological correlates of voice memory for young and old speakers in young and old listeners, *Neuropsychologia*.

Zäske, R., Awwad Shiekh Hasan B., & Belin P. (2017). It doesn't matter what you say: fMRI correlates of voice learning and recognition independent of speech content, *CORTEX*, 94, 100-112.

Zäske, R., Mühl, C., & Schweinberger, S.R. (2015). Benefits for voice learning caused by concurrent faces develop over time, *Plos One*, 10(11).

Zäske, R., Volberg, G., Kovács, G., & Schweinberger, S.R. (2014). Electrophysiological correlates of voice learning and recognition. *Journal of Neuroscience*, 34(33), 10821-10831.

Schweinberger, S.R., Kawahara, H., Simpson, A.P., Skuk, V.G., & **Zäske, R.** (2014). Speaker Perception. *Wiley Interdisciplinary Reviews: Cognitive Science*, 5(1), 15-25.

Zäske, R., Skuk, V.G., Kaufmann, J.M., & Schweinberger, S.R. (2013). Perceiving vocal age and gender: An adaptation approach. *Acta Psychologica*, 144(3), 583-593.

Zäske, R., Fritz, C., & Schweinberger, S.R. (2013). Spatial inattention abolishes voice adaptation. *Attention, Perception & Psychophysics*, 75(3), 603-613.

Schweinberger, S. R., Walther, C., **Zäske, R.**, & Kovacs, G. (2011). Neural correlates of adaptation to voice identity. *British Journal of Psychology*, 102, 748-764.

Zäske, R. & Schweinberger, S. R. (2011). You are only as old as you sound: Auditory aftereffects in vocal age perception. *Hearing Research*, 282, 283-288.

Schweinberger S.R., **Zäske R.**, Walther C., Golle J., Kovács G., Wiese H. (2010). Young without plastic surgery: Perceptual adaptation to the age of female and male faces. *Vision Research*, 50, 2570-2576.

Zäske, R., Schweinberger, S. R., & Kawahara, H. (2010). Voice aftereffects of adaptation to speaker identity. *Hearing Research*, 268, 38-45.

Zäske, R., Schweinberger, S. R., Kaufmann, J. M., & Kawahara, H. (2009). In the ear of the beholder: neural correlates of adaptation to voice gender. *European Journal of Neuroscience*, 30, 527-534.

Schweinberger, S. R., Casper, C., Hauthal, N., Kaufmann, J. M., Kawahara, H., Kloth, N., Robertson, D.M.C., Simpson, A.P. & **Zäske, R.** (2008). Auditory adaptation in voice perception. *Current Biology*, 18, 684-688.

Invited Talks

Zäske, R., Volberg, G., Kovács, G., & Schweinberger, S.R. (2014). *Electrophysiological correlates of voice learning and recognition*. Invited talk at the Centre for Cognition, Learning and Memory (CCLM), University of Bern, May 2014, Bern, Switzerland.

Zäske, R., Volberg, G., & Schweinberger, S.R. (2013). *Electrophysiological correlates of voice learning and recognition*. Invited talk at the Glasgow University Laboratory of Phonetics (GULP), University of Glasgow, December 2013, Scotland, UK.

Selected Conference Presentations

Zäske, R., Volberg, G., & Schweinberger, S.R. (2014). *Electrophysiological correlates of voice learning and recognition*. Poster presented at the 20th OHBM Annual Meeting, June 2014, Hamburg, Germany.

Zäske, R., Perlich, M.C., Schweinberger, S.R. (2014). *Visual working memory load enhances voice adaptation*. Poster presented at the 9th PPRU workshop "Person Perception - From cortical areas to social functions", April 2014, Jena, Germany.

Zäske, R., Skuk, V., Kaufmann, J.M., & Schweinberger, S.R. (2013). *Perceiving vocal age and gender: An adaptation approach*. Poster presented at the 7th PPRU workshop "Person Perception Preserved and Impaired: Neuroscientific, Clinical, Experimental and Computational Evidence", October 2012, Jena, Germany.

Zäske, R., Kaufmann, J.M., & Schweinberger, S.R. (2012). *Neural correlates of voice learning with distinctive and non-distinctive faces*. Talk at the Cognitive Psychology Section Annual Conference of the British Psychological Society (BPS), September 2012, Glasgow, UK.

Zäske, R., Fritz, C., & Schweinberger, S.R. (2011). *Inattention abolishes voice adaptation*. Talk at the Meeting of the Experimental Psychology Society (EPS), July 2011, Nottingham, UK.

Zäske, R. & Schweinberger, S.R. (2011). *Voice Aftereffects of Adaptation to Vocal Age*. Talk at the 53rd Tagung experimentell arbeitender Psychologen (TeaP), March 2011, Halle, Germany.

Zäske, R., Schweinberger, S.R., Kaufmann, J.M., & Kawahara, H. (2009). *In the ear of the beholder: Neural correlates of adaptation to voice gender*. Poster presented at the 49th Annual Meeting of the Society for Psychophysiological Research (SPR), October 2009, Berlin, Germany.

Zäske, R., Kaufmann, J. M., & Schweinberger, S. R. (2007). *Effects of attentional load on explicit and implicit memory for voices*. Poster session presented at the 49th Tagung experimentell arbeitender Psychologen (TeaP), Trier.

Teaching Experience

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| since 2016 | Post-graduate Seminar “Current Topics in Voice Recognition Research”, Organiser and Lecturer |
| since 2012 | Master Seminar in Psychology: Neuropsychology of Auditory Processing, Lecturer |
| since 2011 | Master Seminar in Psychology: Neuropsychology of Visual Processing, Lecturer |
| since 2010 | Supervision of diploma, master and bachelor theses in Psychology |
| since 2009 | Bachelor Seminar in Psychology (Empirical Research Seminars): First Impressions from the Voice, Lecturer Audiovisual Integration and Learning, Lecturer Voice Learning, Lecturer Voice Perception and Attention, Lecturer Perception of Social Information in Voices, Lecturer |