

Evelin Graupe



Main research interests: psychophonetics, especially voice quality perception and methods for perception experiments; acoustic phonetics, especially voice quality measurement

Curriculum Vitae

2008 – 2011 Bachelor of Arts at Kiel University, Empirical Linguistics / Slavistics.

2011 – 2014 Master of Arts at Kiel University, Speech Documentation and Corpus Linguistics / Comparative Slavistics.

since 2015 PhD project, “Context-dependent vocal attractiveness and methods of vocal training”, supervised by Oliver Niebuhr, Assoc. Prof. of Communication and Innovation, Innovation Research Cluster Alision (IRCA), University of Southern Denmark, Sonderborg.

Selected Publications and Talks

Graupe, E. (2015). Zusammenhänge zwischen Stimmbildung und Stimmwahrnehmung - physiologische, akustische und perzeptorische Analysen. *KALIPHO 2*, 89-160.

Graupe, E., Görs, K., Niebuhr, O. (2014). Reduktion gesprochener Sprache - Bereicherung oder Behinderung der Kommunikation? In: O. Niebuhr (ed.), *Formen des Nicht-Verstehens* (pp. 155-184). Frankfurt: Peter Lang.

Niebuhr, O., Görs, K., Graupe, E. (2013). Speech Reduction, Intensity, and F0 Shape are Cues to Turn-Taking. *Proceedings of the 14th Annual SigDial Meeting on Discourse and Dialogue*, Metz, France, 261-269.

Niebuhr, O., Graupe, E., Dilley, L. (2011). You don't have to say a word – How duration and F0 trigger or hinder the perception of function words in German. *Proceedings 2nd Nijmegen Speech Reduction Workshop*, Max-Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.

PhD project

“Context-dependent vocal attractiveness and methods of vocal training”

This interdisciplinary PhD project is carried out at the intersection of acoustic phonetics and our subjective impression of individuals. The project critically reflects upon the definition of voice and the psychological concept of vocal attractiveness. In addition to these theoretical considerations, it includes conducting quantitative experimental research on acoustic correlates of vocal attractiveness and how they are affected by voice training.

The sound of our voice influences the way we are perceived and evaluated by others in professional settings as well as in our private life. Starting from psychological research on how physical attractiveness stereotypes bias our judgment of other people’s personality traits, the psychophonetic research of the last 50 years established and substantiated the parallel existence of a vocal attractiveness stereotypes that yield high interrater agreement. The search for the acoustic correlates of vocal attractiveness has been the subject of numerous experimental studies. They led to a complex but still defective picture of what makes a voice attractive. The PhD project is to further flesh out and refine this picture with special emphasis on speaking context, i.e. a comparison between private, professional, and aesthetical contexts will be made. In addition to that, the question is raised how individual vocal attractiveness can be influenced (i.e. improved) by methods of voice training.

The PhD project is closely related to IRCA's PERCY (= Persuasiveness and Creativity) project, see http://www.sdu.dk/en/om_sdu/institutter_centre/irca/activities/research_projects. The findings on vocal attractiveness and how speakers need to adapt to different contexts will contribute to advance PERCY's aims of measuring and creating charismatic and creative speech, in this way developing new approaches to successful leadership and innovation processes in companies. The output generated by PERCY, in turn, will feed back into the PhD project, for example, with respect to speech samples and the theoretical differentiation of attractiveness from charisma on the one hand and expressiveness and (positive) emotions on the other.