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[https://www.researchgate.net/profile/Susanne\\_Fuchs2](https://www.researchgate.net/profile/Susanne_Fuchs2)

## Susanne Fuchs, PhD

- Single, one child (born 2004)

### *Education*

- 1999-2005 **PhD student** at Queen Margaret University College, Edinburgh (United Kingdom)  
PhD title: Articulatory correlates of the voicing contrast in alveolar obstruent production in German  
(supervisors: Prof. Jim Scobbie, Dr. Alan Wrench, Prof. Bernd Pompino-Marschall)
- 1996-2000 **MA student in Drama, Cultural Communication, New German Literature, Linguistics** at Humboldt University Berlin; Intermediate examinations
- 1991-1998 **Diploma student of Speech Science and Speech Therapy** at Humboldt University Berlin, Diploma (level A)  
Thesis title: Speaking styles in presenting of the radio news (with honours)  
(supervisors: Prof. Braun, Prof. Bernd Pompino-Marschall)
- 1989-1991 **Student of Social Psychology** at Friedrich Schiller University Jena

### *Non-scientific professional experience*

- 1988-1989 **Shift worker** in shoe factory "Panther" Ehrenfriedersdorf (GDR)
- 1992-1995 **Geriatric care** for Diakonie and different private companies in Berlin
- 1995 **Director assistant** at the theatre (Schauspielhaus) in Chemnitz (Production: Red Ryder)
- 1996 **Director assistant** at the theatre in Berlin Treptow (Production: Trübsal am helllichten Tag oder umgekehrt)

### *Scientific experience*

- 2017- **Request for group leader (permanent research position contract)** for the Phonetics-Phonology Group at ZAS
- 2008-2019 **Full-time research position** in the project: Constituent-related phenomena of spoken language at ZAS Berlin, funded by the Ministry for Education and Research (BMBF)
- 2009-2012 **Member of the language documentation project** in Vanuatu (Ambrym) sponsored by the VW-Foundation (PI: Prof. Manfred Krifka, ZAS Berlin), **Role: Camera woman**  
2-month stay at Ambrym in 2010 for film documentation (see [http://www.sciencemovies.de/de/07\\_wer\\_spricht\\_noch\\_daakaka](http://www.sciencemovies.de/de/07_wer_spricht_noch_daakaka))
- 2005 **Postdoc position** at the Institut de la Communication Parlée (ICP, now GIPSA-lab), Grenoble, France
- 2003-2007 **Half-time and later full-time research position** in the project: Articulatory economy and perceptual discriminability at ZAS Berlin, funded by the German Research Council (DFG)

### *Awards & Grants*

- 2017-2020 **PI (with Manfred Krifka & Cornelia Ebert)** for DFG project PSIMS: The pragmatic status of iconic meaning in spoken communication: Gestures, ideophones, prosodic modulations (177 050€ respective part)
- 2016 Award for highly cited research in recognition of the contribution to the quality of the Journal of Phonetics (Elsevier)

- 2016 **Grant for the organization of the International Winter School** (15000 Euro) by the French-German University (UFA) Saarbrücken
- 2013 **Invitation** for an interview for an ERC Starting grant (Brussel)
- 2010-2013 **PI: SPEECHart: Speaker-specific articulation as an adaptation to speaker-specific vocal tract shapes** (PI), funded by the German Research Council (ca. 200 000 €)
- 2008-2012 **PI (together with Pascal Perrier) PILIOS: Speech as the interaction between linguistics, cognition and physics – Data and models**; funded by the French-German University (UFA) Saarbrücken (260 000 €)
- 2007 **Christian Benoit Award** (7500 €)
- 2007 **Grant for the organization of the German-French Summer School** (CNRS, DFG & AFCP, 12000 Euro)
- 2004 **Grant for the organization of the German-French Summer School** (13000 Euro) by the French-German University Saarbrücken
- 2004-2008 **Grant for POPAART (P2R Germany - Ministère des Affaires Etrangères – CNRS): Facteurs physiques et de contrôle moteur dans les propriétés acoustiques et articulatoires de la parole: données physiologiques, expérimentations physiques, simulations et interprétation phonétique** (Money for exchange between French and German laboratories), Role: Coordination and grant writing with Pascal Perrier
- 2003 **ISCA award** for travelling to ICPhS in Barcelona
- 2002 **Princess Alice Award** from QMUC in Edinburgh (support for a guest stay in Columbus Ohio (USA) Osamu Fujimura and at Haskins Laboratories (USA) with Anders Löfqvist)
- 2000 **ESCR graduate scholarship** for my PhD at QMUC in Edinburgh

### **Grants under review**

- DFG* **PI (with Christine Mooshammer HU Berlin)** Acoustic, physiological and neurocognitive aspects of speech preparation
- ANR-DFG* **PI (with Amelie Rochet-Capellan, GIPSA-lab Grenoble)** Spoken language in motions: Learning and adaptation of speech communication in the context of body motions
- Leibniz competition* **PI (with Peter Birkholz, TU Dresden & Dan Dediu, MPI Nijmegen)** Sound production and aging: From genes to vocal tract anatomy, articulation and acoustics.

### **Skills**

- Technical skills* **Motion capture** (OptiTrack) to analyze body gestures  
**Inductance Pletysmography** (respirace) to analyze respiration  
**Electromagnetic Articulography** to analyze articulatory kinematics  
**Electropalatography** to analyze tongue-palatal contacts during speech production  
**Piezoresistive pressure sensor** to analyze intraoral pressure  
**Laryngography** to analyse vocal fold vibrations/contacts  
**Photoelectroglottography** to analyze glottal aperture  
**Hooked wire electromyography** to analyze muscular activation  
**Eye tracking** to analyze language processing and speech planning  
**Magnetic Resonance Imaging** to analyze individual vocal tract anatomy and articulation
- Basics* **Functional Magnetic Resonance Imaging** to analyze BOLD responses and neuronal activation  
**Electroencephalography** to analyze evoked cortical potentials
- Software* MATLAB, R, Praat, Latex and the standard Microsoft products
- Languages* English (proficient), German (native), basic knowledge of French
- Scientific Memberships* ASA, Labphon, German Linguistic Society, IPA

## ***Organization of conferences, workshops, schools***

*Conferences* ISSP 2008 in Strasbourg (150 participants)  
ISSP 2014 in Cologne (200 participants)  
P and P 2017 in Berlin (100 participants expected)

*Summer schools* Series of 5 schools  
"Speech production and perception: Models and data" in Lubmin 2004 (Germany),  
"Speech production and perception: Speech and the brain" in Autrans 2007 (France),  
"Speech production and perception: Planning and dynamics" in Berlin 2010 (Germany),  
"Speech production and perception: Speaker-specific behavior" in Aix-en-Provence 2013 (France),  
"Speech production and perception: Learning and memory" in Chorin 2017 (Germany)

*Workshops* Conference on turbulences (ZAS 2005),  
Is there a biological grounding of phonology? (ICPhS Saarbrücken, 2007),  
Positional phenomena in phonetics and phonology, (GLOW Wroclaw Poland, 2010),  
Workshop audiovisual perception (ZAS Berlin, 2011)  
Building speaker - specific biomechanical tongue models (ICPhS Glasgow (UK), 2015)

## ***Reviewer & editorial board member, editor***

*Grant agencies* NSF (USA)  
DFG (Germany),  
European Commission (Marie Curie Actions)  
Berlin Graduate School of Mind and Brain (Germany)

*Journals & conferences* The Journal of the Acoustical Society of America  
Journal of Speech, Language and Hearing Research  
Motor Control  
Perception, Attention and Psychophysics  
IEEE Trans. Audio, Speech and Language Processing  
Journal of Voice  
Journal of the International Phonetic Association  
Journal of Phonetics  
Computer, Speech & Language  
Language & Speech  
Since ca. 2007 I review for Interspeech, LabPhon, ICPhS, Speech Prosody, ISSP and smaller meetings

*Editorial Board* Motor Control (since 2012)  
Journal of Phonetics (since 2012)

*Editor* Book series: Speech production and perception (Peter Lang Publisher) with Pascal Perrier

*Ethical board of the DGFS* Member since 2012

## ***Supervision***

*Post-docs* Amelie Rochet-Capellan (now CNRS, GIPSA-lab Grenoble)  
Caterina Petrone (now CNRS, LPL Aix-en-Provence)  
Leonardo Lancia (now CNRS, LPP, Paris)

Özlem Ünal-Logacev (now Ass. Prof. Medipol University Istanbul)  
Ralf Winkler (now at TU Berlin)  
Mariam Hartinger (now Prof. at Medical Academy Berlin)  
Stephanie Bouchaillard (now at private company)

*PhD commissions* Christian Geng (2008): A cross-linguistic study on the phonetics of dorsal obstruents. HU Berlin  
Daniel Pape (2008): Microprosodic differences in a cross-linguistic vowel comparison of speech production and speech perception. HU Berlin  
Melanie Weirich (2011): The influence of NATURE and NURTURE on speaker-specific parameters in twins' speech: Articulation, acoustics and perception. HU Berlin

*External examiner* Pertti Palo at QMU Edinburgh (2017)

*Doctoral program at ZAS* Teaching speech science (Talks, presentations, rhetoric, voice) (16 hours) for PhD students and Postdocs  
2010-2014, 2017

2016/2017 Seminar: The role of respiration in speech production, perception and dialogue. HU Berlin.

2008/2009 Main seminar: Empirical phonology („Labororientierte Phonologie“). HU Berlin. (with Marzena Zygis)

2004

Voice at HU Berlin (with Peter Janker)

2001/2002

Phonetic transcription at HU Berlin at HU Berlin (with Bernd Pompino-Marschall)

## **Software**

Winkler et al. (2015). *SPEECHart [Speech toolbox for Matlab]*, Berlin, Germany.  
<https://github.com/winkijeg/SPEECHart>

## **Invited talks in the last 5 years**

(for a full list of talks and posters see <http://www.zas.gwz-berlin.de/453.html?&L=1%7C>)

1. Fuchs, Susanne (invited). Stability and flexibility of respiratory rhythms in different speech and motor tasks. workshop "Dynamic modeling" Cologne. July 2017.
2. Fuchs, Susanne (invited). Zum Einfluss rhythmischer Bewegungen der Gliedmaßen auf sprachliche Strukturen. Arbeitsgruppentreffen der Phonetik/Phonologie. 20.02.2017, Universität Bielefeld.
3. Fuchs, Susanne (invited keynote). Changes and challenges in explaining speech variation: A review over the last 50 years. AISV: Sources and functions of speech variation. Disentangling the role of biological and social factors. 25.01.2017 - 27.01.2017, Scuola Normale Superiore, Pisa.
4. Fuchs, Susanne (invited). Beeinflussen rhythmische Bewegungen der Gliedmaßen die Struktur sprachlicher Äußerungen? Kolloquium Corpuslinguistik und Phonetik. 23.11.2016, Berlin, Humboldt Universität.
5. Fuchs, Susanne (invited talk). Ethical applications in linguistic research: Why and how? International doctorate for experimental approaches to language and brain. 13.09.2016, Potsdam University, Potsdam.
6. Fuchs, Susanne & Pia Knoeferle (invited talk). Ethics in psycholinguistic research with children: Writing applications & best practice. Summerschool: Infant Studies on Language Development in Europe (ISOLDE). 27.06.2016 - 30.06.2016, Universität Potsdam.
7. Fuchs, Susanne, Amélie Rochet-Capellan & Uwe D. Reichel (invited). On the interaction between moving – breathing – talking. Meeting of the International Interdisciplinary Thematic Network (RTP-I), CNRS: From humans and non-human primates to robots: Motion. 07.12.2015 - 08.12.2015, Primatology Station of the

- CNRS, Rousset-sur-Arc (France).
8. Fuchs, Susanne (invited). Atempausen beim Sprechen – von der Biologie zur Kognition und zurück. Seminar (Christine Mooshammer): Pausen und Phrasierung in der Lesesprache. 04.06.2015, HU Berlin.
  9. Fuchs, Susanne (invited). How body motion influences speech sequencing via breathing. Workshop on temporal sequencing and coordination in speech and movement. 10.04.2015 - 11.04.2015, Laboratoire Parole et Langage, Aix-en-Provence.
  10. Fuchs, Susanne (invited). How body motion influences linguistic structure via breathing: Evidence from spontaneous speech data. Distinguished lecture series. 13.02.2015, McGill University, Montreal.
  11. Fuchs, Susanne & Andrea Kaden (invited). Atmung, Stimme, Dialog: Aus dem Labor der Sprachwissenschaft. Festival: Stimme im Ausnahmezustand. 13.11.2014 - 15.11.2014, Hebbel Theater (HAU), Berlin.
  12. Fuchs, Susanne & Amelie Rochet-Capellan (invited). What breathing can tell us about human interaction. 05.12.2013, LMU München.
  13. Fuchs, Susanne (invited). Zur Rolle der Atmung beim Sprechen und Zuhören. 22.01.2013, FS University Jena.
  14. Susanne Fuchs: Breathing cycles during speaking and listening: Data and modelling. Workshop "Dynamic modeling of articulation and prosodic structure" Cologne, 7.05. 2012

## ***Publications***

### *Editions/books (15)*

1. **Fuchs, Susanne**, Joanne Cleland & Amelie Rochet-Capellan. (eds.) to appear 2018. Speech production and perception: Learning and memory. Berlin. Under contract
2. **Fuchs, Susanne**, Joanne Cleland, Amelie Rochet-Capellan & Olivia Maky (eds.). 2017. Proceedings of the winter school on Speech production and perception: Learning and memory. Berlin.
3. **Fuchs, Susanne** & Leonardo Lancia. 2016. Supplement containing selected papers from the Xth International Seminar on Speech Production (ISSP) in Cologne. Journal of Speech, Language and Hearing Research 59.
4. **Fuchs, Susanne**, Daniel Pape, Caterina Petrone & Pascal Perrier (eds.). 2015. Individual differences in speech production and perception (Speech production and perception). Frankfurt/M.: Peter Lang Publisher.
5. **Fuchs, Susanne**, Martine Grice, Anne Hermes, Leonardo Lancia & Doris Mücke (eds.). 2014. Proceedings of the Xth International Speech Production Seminar. Köln: Universität Köln.
6. **Fuchs, Susanne** & Pascal Perrier (eds.). 2013. Anne Hermes: Articulatory coordination and syllable structure in Italian (Speech production and perception). Frankfurt/M.: Peter Lang Publisher.
7. **Fuchs, Susanne**, Melanie Weirich, Daniel Pape & Pascal Perrier (eds.). 2012. Speech planning and dynamics (Speech production and perception). Frankfurt am Main: Peter Lang.
8. **Fuchs, Susanne**, Martine Toda & Marzena Zygis (eds.). 2010. Turbulent sounds. An interdisciplinary guide (Interface Explorations). Berlin: Mouton de Gruyter.
9. **Fuchs, Susanne**, Rudolph Sock & Yves Laprie (eds.). 2010. Special issue in Motor Control.
10. **Fuchs, Susanne**, Philip Hoole, Christine Mooshammer & Marzena Zygis (eds.). 2010. Between the regular and the particular in speech and language. Frankfurt/M.: Peter Lang.
11. **Fuchs, Susanne**, Helene Loevenbruck, Daniel Pape & Pascal Perrier (eds.). 2009. Some aspects of speech and the brain. Frankfurt/M.: Peter Lang.
12. Sock, Rudolph, **Susanne Fuchs** & Yves Laprie (eds.). 2008. Proceedings of the 8th International Seminar on Speech Production. Strasbourg: Université March Bloch.
13. **Fuchs, Susanne**, Pascal Perrier & Bernd Pompino-Marschall (eds.). 2005. Cognitive and physical models of speech production and perception and the production-perception interaction (ZAS Papers in Linguistics 40).
14. **Fuchs, Susanne**. 2005. Articulatory correlates of the voicing contrast in alveolar obstruent production in German (ZAS Papers in Linguistics). .
15. **Fuchs, Susanne** & Silke Hamann (eds.). 2004. Papers in Phonetics and Phonology (ZAS Papers in Linguistics 37). Berlin

*Peer reviewed journal articles (27)*

1. Ünal-Logacev, Özlem, Zygis, Marzena & **Fuchs, Susanne** (2017 accepted) Phonetics and phonology of soft 'g' in Turkish. *Journal of the International Phonetic Association*.
2. Kell, Christian A., Maritza Darquea, Marion Behrens, Lorenzo Cordani, Christian Keller & **Susanne Fuchs**. 2017. Phonetic detail and lateralization of reading-related inner speech and of auditory and somatosensory feedback processing during overt reading. *Human Brain Mapping 38(1)*. 493–508.
3. Petrone Caterina, **Susanne Fuchs** & Laura L. Koenig. 2017. Relations among subglottal pressure, breathing, and acoustic parameters of sentence level prominence in German. *Journal of the Acoustical Society of America*, 141. 1715–1725.
4. **Fuchs, Susanne** & Jelena Krivokapic. 2016. Prosodic boundaries in writing: Evidence from a keystroke analysis. *Frontiers in Psychology*. 7:1678.
5. Weirich, Melanie, **Susanne Fuchs**, Adrian Simpson, Ralf Winkler & Pascal Perrier. 2016. Mumbling: macho or morphology? *Journal of Speech, Language and Hearing Research* 59. S1587-S1595.
6. **Fuchs, Susanne** & Leonardo Lancia. 2016. Seeing speech production through the window of complex interactions: Introduction to supplement containing selected papers from the Xth International Seminar on Speech Production (ISSP) in Cologne. *Journal of Speech, Language and Hearing Research* 59. S1555-S1557.
7. **Fuchs, Susanne**, Caterina Petrone, Amelie Rochet-CapellanUwe D. Reichel, Laura L. Koenig. 2015. Assessing respiratory contributions to f0 declination in German across varying speech tasks and respiratory demands. *Journal of Phonetics* 52. 35-45.
8. **Fuchs, Susanne**. 2015. Review of the book: Articulatory Phonetics by Bryan Gick, Ian Wilson & Donald Derrick. *Journal of the International Phonetic Association*, 45(3). 311-313.
9. Lancia, Leonardo, **Susanne Fuchs** & Mark Tiede. 2014. Application of concepts from Cross-Recurrence Analysis in speech production: An overview and comparison with other nonlinear methods. *Journal of Speech, Language and Hearing Research*, 57. 718-733.
10. Rochet-Capellan, Amelie & **Susanne Fuchs**. 2014. Take a breath and take the turn: how breathing meets turns in spontaneous dialogue. In Rachel Smith, Tamara Rathcke, Fred Cummins, Katie Overy & Sophie Scott (eds.), *Philosophical Transactions of the Royal Society B: Biological Sciences*, 20130399.
11. **Fuchs, Susanne**, Caterina Petrone, Jelena Krivokapic & Philip Hoole. 2013. Acoustic and respiratory evidence for utterance planning in German. *Journal of Phonetics* 41. 29-47.
12. Weirich, Melanie & **Susanne Fuchs**. 2013. Palatal morphology can influence speaker-specific realizations of phonemic contrasts. *Journal of Speech, Language and Hearing Research* 56. 1894-1908.
13. **Fuchs, Susanne** & Blake Rodgers. 2013. Negative intraoral pressure in German: Evidence from an exploratory study. *Journal of the International Phonetic Association* 43(3). 321-337.
14. Rochet-Capellan, Amélie & **Susanne Fuchs**. 2013. Changes in breathing while listening to read speech: the effect of reader and speech mode. *Frontiers in Psychology* 4. 960.
15. Zygis, Marzena, **Susanne Fuchs** & Laura L. Koenig. 2012. Phonetic explanations for the infrequency of voiced sibilant affricates across languages. *Laboratory Phonology* 3(2). 299–336.
16. Grimme, Britta, **Susanne Fuchs**, Pascal Perrier & Gregor Schoener. 2011. Limb versus speech motor control: A conceptual review. *Motor Control* 15-1. 5-33.
17. **Fuchs, Susanne**, Rudolph Sock & Yves Laprie. 2011. Preface. *Motor Control* 15-1. 2-4.
18. Brunner, Jana, **Susanne Fuchs** & Pascal Perrier. 2011. Supralaryngeal control in Korean velar stops. *Journal of Phonetics* 39. 178-195.
19. Koenig, Laura, **Susanne Fuchs** & Jorge C. Lucero. 2011. Effects of consonant manner and vowel height on intraoral pressure and articulatory contact at voicing offset and onset for voiceless obstruents. *Journal of the Acoustical Society of America* 129(5). 3233-3244.
20. **Fuchs, Susanne**, Pascal Perrier & Mariam Hartinger. 2011. A critical evaluation of gestural stiffness estimations in speech production based on a linear second-order model. *Journal of Speech, Language and Hearing Research* 54. 1067–1076.
21. Hamann, Silke & **Susanne Fuchs**. 2010. Retroflexion of voiced stops: Data from Dhao, Thulung, Afar and German. *Language and Speech* 53(2). 1-36.

22. **Fuchs, Susanne** & Laura L. Koenig. 2009. The articulation and aerodynamics of voiceless consonants, clusters, and affricates of German. *Journal of the Acoustical Society of America* 126 (4). 1988-2001.
23. Brunner, Jana, **Susanne Fuchs** & Pascal Perrier. 2009. On the relationship between palate shape and articulatory behavior. *Journal of the Acoustical Society of America* 125(6). 3936-3949.
24. **Fuchs, Susanne** & Pascal Perrier. 2008. Understanding speech production: The PILIOS approach. *Revue française de linguistique appliquée* XIII (2). 35-44.
25. Perrier, Pascal & **Susanne Fuchs**. 2008. Speed-curvature relations in speech production challenge the one-third power law. *Journal of Neurophysiology* 100. 1171-1183.
26. **Fuchs, Susanne**, Jana Brunner & Anke Busler. 2007. Temporal and spatial aspects in the realisations of the voicing contrast in German alveolar and postalveolar fricatives. *Advances in Speech Language Pathology* 9(1). 34-44.
27. Mooshammer, Christine & **Susanne Fuchs**. 2002. Stress distinction in German: Simulating kinematic parameters of tongue tip-gestures. *Journal of Phonetics* 30. 337-355.

#### *Peer-reviewed book chapters (10)*

1. **Fuchs, Susanne** & Peter Birkholz (submitted): Phonetics of consonants. Oxford Research Encyclopedia of Linguistics.
2. Perrier, Pascal & **Susanne Fuchs**. 2015. Motor equivalence in speech production. In Melissa A. Redford (ed.), *Handbook of Speech Production*, 225-247. New York: John Wiley & Sons, Inc.
3. **Fuchs, Susanne**, Daniel Pape, Caterina Petrone & Pascal Perrier. 2015. Preface. In Susanne Fuchs, Daniel Pape, Caterina Petrone & Pascal Perrier (eds.), *Individual differences in speech production and perception*, 7-10. Frankfurt/M.: Peter Lang Publisher.
4. **Fuchs, Susanne** & Martine Toda. 2010. Do differences in male versus female /s/ reflect biological or sociophonetic factors? In Susanne Fuchs, Martine Toda & Marzena Zygis (eds.), *Turbulent sounds. An interdisciplinary guide*, 281-302. Berlin: Mouton de Gruyter.
5. **Fuchs, Susanne**, Martine Toda & Marzena Zygis. 2010. Preface. In Susanne Fuchs, Martine Toda & Marzena Zygis (eds.), *Turbulent sounds. An interdisciplinary guide*, v-ix. Berlin: Mouton de Gruyter.
6. Jannedy, Stefanie, **Susanne Fuchs** & Melanie Weirich. 2010. Articulation beyond the usual: Evaluating the fastest German speaker under laboratory conditions. In Susanne Fuchs, Phil Hoole, Christine Mooshammer & Marzena Zygis (eds.), *Between the regular and the particular in speech and language*, 205-234. Frankfurt/M.: Peter Lang.
7. **Fuchs, Susanne**, Pascal Perrier, Christian Geng & Christine Mooshammer. 2005. What role does the palate play in speech motor control? Insights from tongue kinematics for German alveolar obstruents. In Jonathan Harrington & Marija Tabain, *Speech Production: Models, Phonetic Processes, and Techniques*, 149-164. New York: Psychology Press.
8. Ridouane, Rachid, **Susanne Fuchs** & Phil Hoole. 2005. Laryngeal adjustments in the production of voiceless obstruent clusters in Berber. In Jonathan Harrington & Marija Tabain, *Speech Production: Models, Phonetic Processes and Techniques*, 275-297. New York: Psychology Press.
9. Pape, Daniel, Christine Mooshammer, Phil Hoole & **Susanne Fuchs**. 2005. Devoicing of word-initial stops: A consequence of the following vowel?
10. **Fuchs, Susanne**, Christian Geng, Mariam Hartinger, Sabine Koppetsch, Christine Mooshammer, Bernd Pompino-Marschall. 2003. Asymmetrien in der Phonetik. In Claudia Maienborn, (A) Symmetrien – (A) Symmetries. Beiträge zu Ehren von Ewald Lang. Papers in Honour of Ewald Lang, 75-97. Tübingen: Stauffenburg-Verlag. In Jonathan Harrington & Marija Tabain, in *Speech Production: Models, Phonetic Processes, and Technique*, 211–226. New York: Psychology Press.

#### *Peer reviewed proceedings of at least 4 pages (40)*

1. Stoltmann, Katarzyna & **Susanne Fuchs** (submitted) Syllable-pointing gesture coordination in Polish counting out rhymes: The effect of speech rate. GESPIN Poznan.

2. Zygis, Marzena, **Susanne Fuchs** & Katarzyna Stoltmann (submitted). Orofacial expressions in German questions and statements in voiced and whispered speech. GESPIN Poznan.
3. Stoltmann, Katarzyna & **Susanne Fuchs** (submitted) The influence of handedness and pointing direction on deictic gestures and speech interaction: Evidence from motion capture data on Polish counting-out rhymes. *Audio-Visual Speech Processing*.
4. **Fuchs, Susanne**, Uwe D. Reichel & Amélie Rochet-Capellan. 2016. F0 declination and speech planning in face to face dialogues. In Oliver Jokisch (ed.), *Studientexte zur Sprachkommunikation*, Band 81, 145-152.
5. **Fuchs, Susanne** & Uwe D. Reichel. 2016. On the relationship between pointing gestures and speech production in German counting out rhymes: Evidence from motion capture data and speech acoustics. In Christoph Draxler & Felicitas Kleber (eds.), *Proceedings of P&P 12*, 1-4. München: LMU.
6. Koenig, L. Laura & **Susanne Fuchs**. 2015. Acoustic effects of loud speech and interrelationships among measures. In U Glasgow (ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Paper number 424.
7. **Fuchs, Susanne**, Uwe D. Reichel & Amélie Rochet-Capellan. 2015. Changes in speaking and breathing rate while speaking and biking. In U Glasgow (ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Paper number 1005.
8. Ünal-Logacev, Ozlem & **Susanne Fuchs**. 2015. Voicing contrast in Turkish: Simultaneous measurements of acoustics, EPG, and intraoral pressure. In U Glasgow (ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Paper number 861.
9. Petrone, Caterina, **Susanne Fuchs** & Laura L. Koenig. 2014. Changes in breathing under different focus conditions.. In Susanne Fuchs, Martine Grice, Anne Hermes, Leonardo Lancia & Doris Mücke (eds.), *Proceedings of the Xth International Speech Production Seminar*, 328-331. Köln: Universität Köln.
10. Ünal-Logacev, Özlem, **Susanne Fuchs** & Marzena Zygis. 2014. Soft 'g' in Turkish. Evidence for sound change in progress. In Susanne Fuchs, Martine Grice, Anne Hermes, Leonardo Lancia & Doris Mücke (eds.), *Proceedings of the Xth International Seminar on Speech Production*, 441-444. Köln: Universität Köln.
11. Weirich, Melanie, Adrian Simpson, **Susanne Fuchs**, Ralf Winkler & Pascal Perrier. 2014. Mumbling is morphology?. In Susanne Fuchs, Martine Grice, Anne Hermes, Leonardo Lancia & Doris Mücke (eds.), *Proceedings of the Xth International Seminar on Speech Production*, 457-460. Köln: Universität Köln.
12. Petrone, Caterina, Mariapaola de'Imperio, Leonardo Lancia & **Susanne Fuchs**. 2014. The interplay between prosodic phrasing and accentual prominence on articulatory lengthening in Italian. In Nick Campbell, Dafydd Gibbon & Daniel Hirst (eds.), *Proceedings of Speech Prosody*, 192-196. Dublin: Trinity College Dublin.
13. Rochet-Capellan, Amélie, Gerard Bailly & **Susanne Fuchs**. 2014. Is breathing sensitive to the communication partner?. In Nick Campbell, Dafydd Gibbon & Daniel Hirst (eds). *Proceedings of Speech Prosody*, 613-617. Dublin: Trinity College.
14. Rochet-Capellan, Amélie & **Susanne Fuchs**. 2013. The interplay of linguistic structure and breathing in German spontaneous speech. In *Proceedings of Interspeech*, Lyon.
15. Lucero, Jorge, Laura L. Koenig & **Susanne Fuchs**. 2012. Modeling source-tract interaction in speech production: Voicing onset vs. vowel height after a voiceless obstruent. In ISCA (ed.), *Proceedings of Interspeech*, 1-4. Portland: USA.
16. Lancia, Leonardo & **Susanne Fuchs**. 2011. The labial coronal effect revisited. In Yves Laprie (ed.), *Proceedings of the ISSP*, 187-194. Montreal: CD-ROM.
17. Winkler, Ralf, **Susanne Fuchs**, Pascal Perrier & Mark Tiede. 2011. Speaker-specific biomechanical models: From acoustic variability via articulatory variability to the variability of motor commands in selected tongue muscles. In Yves Laprie (ed.), *Proceedings of the ISSP*, 219-226. Montreal: CD-ROM.
18. Weirich, Melanie & **Susanne Fuchs**. 2011. Vocal tract morphology can influence speaker specific realisations of phonemic contrasts. In Yves Laprie (ed.), *Proceedings of the ISSP*, 251-258. Montreal: CD-ROM.
19. Petrone, Caterina, **Susanne Fuchs** & Jelena Krivokapic. 2011. Consequences of working memory differences and phrasal length on pause duration and fundamental frequency. In Yves Laprie (ed.), *Proceedings of the ISSP*, 393-400. Montreal: CD-ROM.



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