

# Stefano Coretta

## Curriculum Vitæ

Ludwig-Maximilians-Universität München  
Institut für Phonetik und Sprachverarbeitung (IPS)  
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### Employment

- 2019–present **Postdoc Researcher**, Ludwig-Maximilians University of Munich, Germany.  
2017–2018 **Phonetics Laboratory Assistant**, University of Manchester, UK.  
Jan–Jun 2015 **Junior Linguist**, Adecco at Google Italy, Milan (Italy).

### Education

- 2016–2020 **PhD in Linguistics**, University of Manchester, United Kingdom.  
2018 **Faculty of Humanities PGR Exchange Scheme**, Visiting PhD Student at the Speech Production Laboratory, at Indiana University, Bloomington, IN (USA).  
2015–2016 **MA in Phonetics and Phonology**, University of York, United Kingdom, Distinction.  
Mar–Oct 2014 **Research in Linguistics**, University of Newcastle, Australia.  
Research on Oceanic phonology.  
Sep–Dec 2012 **Erasmus Programme**, Leiden University, The Netherlands.  
2011–2013 **(Res)MA in Theoretical and Applied Linguistics and Linguistics of Modern Languages**, University of Pavia, Italy, 110/110 cum laude.  
2007–2011 **BA in Humanities (with Linguistics and Oriental Studies)**, University of Milan, Italy, 103/110.

### Papers

- forthcoming Chris Carignan, Stefano Coretta, Jans Frahm, Jonathan Harrington, Phil Hoole, Arun Joseph, Esther Kunay, Dirk Voit. Planting the seed for sound change: Evidence from real-time MRI of velum kinematics in German. *Language*.  
2020 Thea Cameron-Faulkner, Nivedita Malik, Circle Steele, Stefano Coretta, Ludovica Serratrice, Elena Lieven. A cross cultural analysis of early prelinguistic gesture development and its relationship to language development. *Child Development*. DOI: 10.1111/cdev.13406  
2020 Longer vowel duration correlates with greater tongue root advancement at vowel offset: Acoustic and articulatory data from Italian and Polish. *Journal of the Acoustical Society of America*. 147. 245–259. DOI: 10.1121/10.0000556  
2019 An exploratory study of voicing-related differences in vowel duration as compensatory temporal adjustment in Italian and Polish. *Glossa: a journal of general linguistics*. 4(1) 125. 1–25. DOI: 10.5334/gjgl.869

### Talks and posters

- 2020 Patrycja Strycharczuk, Małgorzata Ćavar, and Stefano Coretta. *Two mechanisms for vowel reduction in Polish*. Talk presented at LabPhon17, 8 July, Vancouver (Canada, virtual).  
2020 *Meta-analytical estimates of the effect of voicing on vowel duration in English are biased*. Poster presented at LabPhon17, 8 July, Vancouver (Canada, virtual).  
2019 Thea Cameron-Faulkner, Circle Steele, Nivedita Malik, Stefano Coretta, Ludovica Serratrice, and Elena Lieven. *A cross-cultural analysis of early prelinguistic gesture development and its relationship to language development*. Talk presented at the 5th International Language and Communicative Development Conference, 12 June, Manchester (UK).  
2018 Stefano Coretta and Massimiliano Canzi. *The effect of lexical frequency on vowel phonation as a correlate of /t/-glottaling*. Talk presented at LAGB 2018, 11–14 September, University of Sheffield, UK.

- 2018 *Quantifying vocal fold activity: Two new methods for analysing electroglottographic data.* Talk presented at the New Developments in Speech Sensing and Imaging LabPhon Satellite Event, 24 June, University of Lisbon, Portugal.
- 2018 *Longer vowel duration correlates with tongue root advancement in Italian and Polish: An ultrasound study.* Talk presented at LabPhon16, 23 June, University of Lisbon, Portugal.
- 2018 *Processing EGG data: New methods for a multidimensional time-series assessment of vocal fold activity.* Talk presented at the Manchester Forum in Linguistics 2018 (mFiL2018), 26 April, University of Manchester, UK.
- 2018 *Tongue root advancement and vowel duration: A gradient effect?.* Talk presented at the BAAP Colloquium, 12-14 April, University of Kent, UK.
- 2017 *Sound change, lexical frequency and ambiguous input: a computational implementation.* Poster presented at the Third Edinburgh Symposium in Historical Phonology (ESHP3), 30 November, University of Edinburgh, UK.
- 2017 *Vowel duration and tongue root advancement in Italian and Polish.* Talk presented at Ultrafest VIII, 4-6 October, University of Potsdam, Germany.
- 2017 *A streamlined workflow for “doing phonetics by computer” (using Praat and R).* Talk presented at the Postgraduate Academic Research in Linguistics at York (PARLAY), 15 September, University of York, UK.
- 2017 *Towards an articulatory based typology of laryngeal effects on vowel duration.* Poster presented at the 25th Manchester Phonology Meeting (25mfm), 25–27 May, University of Manchester, UK.
- 2017 *Reproducibility and phonetic research: A computational workflow.* Talk presented at the Manchester Forum in Linguistics 2017 (mFiL 2017), 28–29 April, University of Manchester, UK.
- 2015 *A new case of “rhinoglottophilia:” From nasalisation to aspiration.* Talk presented at the Second Edinburgh Symposium on Historical Phonology (ESoHPh2), 3–4 December, University of Edinburgh, UK.

#### Invited departmental talks

- 2018 *Vowel duration as a function of consonant gestural timing in Italian and Polish: Evidence from acoustics, ultrasound tongue imaging, and electroglottography.* Aarhus University, 18 September, Denmark.

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### Software and packages

- 2017 *tidymv*, *Tidy model visualisation*, <http://github.com/stefanocoretta/tidymv>.
- 2017 *rticulate*, *Ultrasound tongue imaging in R*, <https://github.com/stefanocoretta/rticulate>.
- 2017 *speakr*, *an R wrapper for the phonetic software Praat*, <https://github.com/stefanocoretta/speakr>.
- 2016 *SFM exporter*, <https://stefanocoretta.shinyapps.io/sfm-exporter/>.
- 2016 *language-praat*, *Praat scripting language support in the Atom Editor*, <https://atom.io/packages/language-praat>.
- 2013 *phonrule*, *L<sup>A</sup>T<sub>E</sub>X macros for typesetting phonological rules*, <https://www.ctan.org/pkg/phonrule>.

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### Research appointments

- 2018–2019 **Research Assistant for *Investigating prelinguistic development in three minority cultures*, LuCiD**, Thea Cameron-Faulkner (PI), <http://lucid.ac.uk>.
- 2018 **Research Assistant for *Beauty is in the ear of the beholder: The role of accent in mate choice*. Tucker Gilman (PI)**, University of Manchester, UK.

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## Teaching

- Jan–Jun 2018 **Teaching Assistant for Experimental Phonetics**, *University of Manchester*, UK.  
Feb–Jun 2017 **Teaching Assistant for Stylistics of English**, *University of Manchester*, UK.  
Nov–Dec 2016 **Teaching Assistant for Forensic Linguistics of English**, *University of Manchester*, UK.  
Jul–Oct 2014 **Teaching Assistant for Introduction to Phonology and Morphology**, *University of Newcastle*, NSW (Australia).  
Jan–Sep 2013 **Teaching Assistant for Historical Linguistics**, *University of Pavia*, Italy.
- Invited courses and workshops**
- 19 Sep 2018 **Workshop “An introduction to GAMs”**, *Aarhus University*, Aarhus (Denmark).  
4, 11 Feb 2016 **Workshop “Introduction to X<sub>3</sub>AT<sub>E</sub>X”**, *Halifax College, University of York*, York (UK).  
31 Jul 2014 **Workshop “Introduction to X<sub>3</sub>AT<sub>E</sub>X”**, *University of Newcastle*, Newcastle, NSW (Australia).  
3 Dec 2013 **Workshop “Introduzione a X<sub>3</sub>AT<sub>E</sub>X”**, *University of Pavia*, Italy.

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## Awards

- 2018 Best LAGB Student Abstract  
2018 IPA Student Award for LabPhon16

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## Scholarships

- 2018 Postgraduate Researcher Exchange Programme Award, Faculty of Humanities, School of Arts, Languages and Cultures PGR Studentship (University of Manchester, UK)  
2016–2019 Faculty of Humanities, School of Arts, Languages and Cultures PGR Studentship (University of Manchester, UK)  
2015 Philological Society Masters Bursary Scheme (UK)  
2012 Erasmus Programme Scholarship, MIUR and University of Pavia (Italy)  
2012 E.Di.S.U Scholarship (Pavia, Italy)  
2009 C.I.Di.S Scholarship (Milan, Italy)  
2008 C.I.Di.S Scholarship (Milan, Italy)

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## Training

- 2018 **Analysing Curves: Training workshop on statistical analysis of non-linear data**, *The University of Manchester*, UK.  
2013 **Statistica per le scienze umane (Statistics for Humanities)**, *Biostat*, Asti (Italy).  
2013 **Second International Summer School for Indo-European Linguistics**, *University of Pavia*, Italy.

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## Professional service

- Journal peer review Journal of Phonetics, Journal of the Association for Laboratory Phonology, The Linguistic Review  
Conference organisation Analysing Curves 2018 (UK), Manchester Forum in Linguistics 2017 and 2018, 25th Manchester Phonology Meeting 2017, Postgraduate Academic Researchers in Linguistics at York 2016

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## Technical skills

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| <i>computer</i> | macOS, Microsoft Windows and Ubuntu operating systems | <i>research software</i> | Praat, RStudio, Atom Editor, PsychoPy, Audacity, GitHub, Elan MPI, Toolbox SIL, FLE <sub>X</sub> SIL, Phonology Assistant SIL |
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<i>productivity software</i>	Microsoft Office and Apple Pages, Keynote and Numbers; git (version-control system), Hugo (static site generator), WordPress (CMS)	<i>markup and programming languages</i>	R, Praat scripting, RMarkdown, $\text{\LaTeX}$ , HTML/CSS, MySQL, Python, AWK, Matlab
<i>other</i>	reviewer and editor for Italian Wikipedia		

## Languages

Italian	Native speaker
English	C2
Spanish	A1