

Caterina Bonan, Ph.D.

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Online portfolio: caterinabonan.com | GitHub: [CaterinaBi](https://github.com/CaterinaBi)

Postdoctoral researcher in theoretical syntax looking for a role as a language scientist/engineer.

EXPERIENCE (selected)

Post-doctoral researcher & Supervisor

Sept. 2019 - Present

University of Cambridge | Cambridge, UK

Assessed secondary linguistic data from 100+ Romance varieties, and designed/performed extensive fieldwork on about 30 non-standard Romance varieties. Extracted Italian/French/Portuguese diachronic data from 6 corpora. Analysed and modelled the primary/secondary data in light of the most recent advances in the field of generative grammar. Started compiling an open Atlas of Romance focalisations (field work, design, creation of maps etc.) to make the results of my work publicly accessible.

Key Accomplishments:

- Award of an 'Early Postdoc.mobility' and a 'Postdoc.mobility' grant to support my research (Swiss National Science Foundation, 24+18 months). Award of a 5-year College Research Associate fellowship by St. John's College;
- Published 1 single-authored research monograph (Linguistik Aktuell 266, John Benjamins) and 4 research articles (Isogloss, Glossa, LLT, Cadernos de Squibs). Co-authored a research article with U. Shlonsky (published in a volume by De Gruyter). Co-authored 1 edited thematic volume with A. Ledgeway (under contract, De Gruyter).
- Presented my research at numerous in-person and online seminars/conferences (10 invited, 2 selected).

Supervisor

Sept. 2019 - Present

University of Cambridge | Cambridge, UK

Conceived and delivered (under)graduate supervisions for the courses: CS1 ('The Romance Languages'); Li2 ('Structures'); Li9 ('Syntax'); IT1/IT3 ('Use of Italian') (ca. 50 students/AY). In charge of weekly assessment, and the correction and evaluation of final exams. Produced performance reports for each supervised student. Examined MPhil and 'year abroad dissertations' for Theoretical and Applied Linguistics.

Research Associate

Sept. 2015 - Aug. 2019

Université de Genève | Geneva, Switzerland

Carried out individual and group research (2 PIs, 2 SIs), reported regularly to the PIs (U. Shlonsky, G. Bocci), trained and mentored an MA student who joined the research group briefly. Helped the extraction of material from 2 corpora of spoken French, helped the optimisation of the automatic tagging and supported the modelling of the prosodic/syntactic data. Performed manual tagging, transcription of audio files, audio/text alignments, and accuracy checks. In charge of the fieldwork/analysis of the Italo-Romance data; shaped two large-scale surveys, and re-modelled secondary data from 30 non-standard varieties in light of my findings. Prepared bi-annual research reports, and helped shape the final financial report (400.000+ CHF distributed over 4 AYs).

Key Accomplishments:

- Award of a full-time doctoral grant (4 years, 200.000+ CHF); Secured competitive funds to host an international conference (6000+ CHF), and 2 grants to cover the cost of summer trainings (1000+ CHF);
- Completion of Certificat de Spécialisation (30 ECTS), a pre-doctoral thesis, and a PhD dissertation (defended with honours). Publication of 3 research articles, 1 co-edited online volume;
- Presentation of research at numerous seminars and conferences (10 invited, 2 selected, 1 organised).

EXPERIENCE THROUGH COURSES

Udacity | AI programming with Python.

March - May 2022

EDUCATION

University of York Master of Science in Computer Science with Artificial Intelligence (180 ECTS) <ul style="list-style-type: none">Exams taken: Data structures and algorithms. Currently on a leave of absence.	Nov. 2023
Université de Genève Ph.D. in General linguistics <ul style="list-style-type: none">Specialisations: Formal syntax, dialectology. Graduation grade: 'très honorable à l'unanimité'.	May. 2019
Université de Genève Postgraduate Certificate of Specialisation in Linguistics (30 ECTS) <ul style="list-style-type: none">Fields: Syntax, Pragmatics, Computational linguistics. Final grade: 6/6.	Dec. 2017
Università Ca' Foscari Venezia Master of Arts in Science of Language (120 ECTS) <ul style="list-style-type: none">Major: Theoretical linguistics; Minor: English. Graduation grade: 110/110 cum laude.	May. 2013
Università Ca' Foscari Venezia Bachelor of Arts in Languages and the Science of language (180 ECTS) <ul style="list-style-type: none">Major: General linguistics; Minors: English and French. Graduation grade: 110/110 cum laude.	Sept. 2011

SKILLS

Syntax | IPA | Research | Fieldwork | Corpus linguistics | Text analysis | Microsoft 365 | LaTeX | Data analysis | Data visualisation | Storytelling Scientific writing | Public speaking

LANGUAGES

Italian (native) | French (near native, spoken and written) | English (full proficiency, spoken and written) | Spanish (conversational)