Fausto Carcassi

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`https://thelogicalgrammar.github.io`

Employment

08/22-Present **University of Tübingen**
Judging Plausible Deniability (PlauDe)
Marie Skłodowska-Curie Individual Fellowship
Supervisor: Michael Franke

02/22-08/22 **University of Tübingen**
Postdoctoral researcher
Department of General Linguistics and Pragmatics
PI: Michael Franke

04/20-02/22 **University of Amsterdam**
Postdoctoral researcher
Cognitive Semantics and Quantities (ERC n. STG 716230)
PI: Jakub Szymanik

Education

09/16-07/20 **University of Edinburgh**
Link Ph.D., Linguistics and English Language
The Cultural Evolution of Scalar Categorization: How cognition and communication affect the structure of categories on scalar conceptual domains.
Supervisors: Prof Simon Kirby, Dr Marieke Schouwstra
Examiners: Dr Wataru Uegaki (Internal), Dr Michael Franke (External)

09/15-08/16 **University of Edinburgh**
MSc, Philosophy

09/12-08/15 **Ruprecht-Karls-Universität Heidelberg**
B.A., Philosophy

Journal Publications

Carcassi F., Szymanik J. (Under Review) Smaller Languages of Thought can be Recovered More Easily from Learning Data.

2022 Link	Carcassi F., Sbardolini G. (2022) Assertion, Denial, and the Evolution of Boolean Operators. Mind and Language. https://doi.org/10.1111/mila.12448
2022 Link	Carcassi F., Szymanik J. (2022) Neural Networks Track the Logical Complexity of Boolean Concepts. Open Mind. https://doi.org/10.1162/opmi_a_00059
2022 Link	Carcassi F., Szymanik J. (2022), Heavy Tails and the Shape of Modified Numerals. Cognitive Science, 46: e13176. https://doi.org/10.1111/cogs.13176
2021 Link	Carcassi F., Szymanik J. (2021) An Alternatives Account of 'Most' and 'More Than Half'. Glossa: a journal of general linguistics, 6(1). https://doi.org/10.16995/glossa.5764
2021 Link	Carcassi, F., Steinert-Threlkeld, S. and Szymanik, J. (2021), Monotone Quantifiers Emerge via Iterated Learning. Cognitive Science, 45: e13027. https://doi.org/10.1111/cogs.13027

Proceedings

2021 Link	Carcassi, F. and Szymanik, J. (2021) 'Most' vs 'More Than Half': An Alternatives Explanation, Proceedings of the Society for Computation in Linguistics: Vol.4, Article 30.
2021 Link	Carcassi F., Szymanik J. (2021) The Shape of Modified Numerals. Proceedings of the 43st Annual Meeting of the Cognitive Science Society.
2020 Link	Carcassi F., Schouwstra M., Kirby S. (2020) The Advantage of Extreme Meanings in Cultural Evolution. The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13).
2019 Link	Carcassi F., Steinert-Threlkeld S., Szymanik J. (2019) The Emergence of Monotone Quantifiers via Iterated Learning. Proceedings of the 41st Annual Meeting of the Cognitive Science Society.
2018 Link	Carcassi F., Kirby S., Schouwstra M. (2018) The Evolution of Adjectival Monotonicity. Proceedings of Sinn und Bedeutung 23.

Invited Talks

11/04/22 Link	Mentor at the REST-CL Retreat for Students in Computational Linguistics, Barcelona
	Modelling argumentation with quantifiers

23/09/22	9th Experimental Pragmatics Conference (XPRAG), Pavia
18/05/22	CoSaQ Closing workshop, Amsterdam

Updates and Boolean Universals
29/01/21 EXPRESS Workshop Non-Assertoric Speech Acts, Amsterdam

An Alternatives Account of 'Most' and 'More Than Half'
14/12/20 Donders Computational Cognitive Science group, Nijmegen

The role of learning in the evolution of semantic extremeness
08/05/20 Computation, Language, and Meaning Band of Researchers, Washington
15/04/20 Cognitive Semantics and Quantities, Amsterdam

The evolution of a semantic universal through iterated learning
25/02/19 Mind and Cognition Group, Edinburgh

The semantic structure of gradable adjectives: an experiment and a Bayesian model
23/04/19 Centre for Language Evolution, Edinburgh

Monotonicity in gradable adjectives: an evolutionary model and some experimental results
22/11/18 Cognitive Semantics and Quantities seminar, Amsterdam

The evolution of adjectival monotonicity
19/06/18 Centre for Language Evolution, Edinburgh

Reviewed Talks & Posters

The Shape of Modified Numerals
29/07/21 Annual Conference of the Cognitive Science Society (CogSci), Montreal

The Advantage of Extreme Meanings in Cultural Evolution
16/04/20 Evolang XIII (Cancelled due to Covid-19 pandemic)

The Emergence of Monotone Quantifiers via Iterated Learning
03/08/21 Experimental approaches to language universals in structure and meaning (ExUni virtual Workshop at ESSLLI)
12/06/20 Meaning, Logic and Cognition, Amsterdam
27/07/19 Annual Conference of the Cognitive Science Society (CogSci), Montreal

The Evolution of Adjectival Monotonicity
06/09/18 Sinn und Bedeutung 23, Barcelona

The Evolution of Scalar Terms' Semantic Structure

30/08/18	Societas Linguistica Europaea, Tallin
	The Evolution of Monotonicity in the Semantics of Gradable Adjectives
7/12/17	60th Language Lunch (Poster), Edinburgh

Teaching

ESSLLI

2022	*Computational Approaches to the Explanation of Universal Properties of*
Link	*Meaning* (with Jakub Szymanik)

University of Tübingen

2022	*The probabilistic Language of Thought*: An introduction to contemporary
Link	models of the Language of Thought, combining theoretical lectures and labs.

University of Amsterdam

2021	*Cognitive Modeling* (design and teaching): An introduction to various important Bayesian models of cognition, combining theoretical lectures and
Link	programming labs in R.
2021	BA Dissertation in AI. de Kleuver, G. (2021) Cultural Evolution of Convex Color Terms and Degeneracy.
2021	BA Dissertation in AI. Duetz N. (2021) The Cultural Evolution of Color Convexity in a Population of Neural Networks.

University of Edinburgh

2018	Guest Lecture for *Current Issues in Semantics and Pragmatics*
	Tutoring for:
2018-19	*Logic 1* (Introduction to Logic)
2018-19	*Logic 2* (Introduction to Modal Logic)
2017-18, 2018-19	*Introduction to Cognitive Science*
2017-18	*LEL 1B* (Introduction to Linguistics)
2016-17, 2017-18	*Mind, Matter and Language*

Reviewer

2022	Journal of Logic, Language, and Information
2022	Linguistic Vanguard
2021,22	ESSLLI 2021
2021	Memory & Cognition Journal
2018,21	Annual Conference of the Cognitive Science Society (CogSci)
2020,21	Conference on Computational Natural Language Learning (SIGNLL)
2019	Workshop on Semantic Universals, Amsterdam Colloquium
2018	The Evolution of Language (EvoLang)
2018	Models of the Mind, Edinburgh

Book reviews

2012   Orilia F. (2012), "Filosofia del tempo: Il dibattito contemporaneo",
Published in: ReF - Recensioni Filosofiche, 87

Public Engagement

2018   *Exploring an Alien World*, International Science Fair, Edinburgh.
Collaborative work with Jonas Nölle. We developed a simple game in virtual
reality (using C# + Unity) that was played by children.

2016-17   Academic Support Officer, Edinburgh's Philosophy Society

2016   *Putting adjectives on the square of oppositions*
Student Cognitive Science Society, Edinburgh