

Dr. Francesca Capuano

Language and Cognition Lab
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Born: August 03, 1991—Maddaloni (CE), Italy
Nationality: Italian, German
Languages: Italian (Mother tongue), English (C2), German (C1)

Current position

Postdoc, University of Tübingen

Education

- 2023 Ph.D. in Cognitive Science, University of Tübingen, Germany
Steps Forward in the Pragmatic Understanding of Linguistic Negation. (summa cum laude)
- 2023 M.A. in Linguistics and Translation, University of Pisa, Italy
- 2018 M.Sc. in Language Science and Technology, Saarland University, Germany
A Distributed Situation-state Space Model of Event Knowledge. (1.4)
- 2015 B.A. in Linguistic and Cultural Mediation, University of Naples L'Orientale, Italy
I modelli semantici distribuzionali. Un caso applicativo. (110/110 cum laude)
(*Distributional semantic models: a case study.*)

Career

- 2021-present Researcher and Lecturer, University of Tübingen, Germany
- 2018-2021 Researcher, University of Tübingen, Germany
- 2016-2018 Student Assistant (Psycholinguistic EEG Lab Assistant), Saarland University, Germany
- WiSe 17-18 Student Assistant (Computational Linguistics Tutor), Saarland University, Germany

Miscellaneous

- 2022-present Associate Member of FOR 2718 - Modal and amodal cognition
- 2018-2021 Member of SFB 833 - The construction of meaning

Grants

- 2021 Simi, N., Potamianou, T. & Capuano, F. (2021). Role of input format for reversal processes: Evidence from binary and non-binary negation in tasks with different degrees of modality. *FOR 2718 Intramural Research Grant* (Project duration: 01/12/2021 – 30/07/2022).

Publications

- 2024 Capuano, F., & Kaup, B. (2024). Pragmatic Reasoning in GPT Models: Replication of a Subtle Negation Effect. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 46). Permalink: escholarship.org/uc/item/22q5920s
- 2023 Capuano, F. (2023). Steps forward in the pragmatic understanding of linguistic negation [PhD Thesis]. *University of Tübingen Library*. DOI: [10.15496/publikation-85111](https://doi.org/10.15496/publikation-85111)
- 2023 Capuano, F., Sorg, T., & Kaup, B. (2023). Activation levels of plausible alternatives in conversational negation. *Memory & Cognition*, 1-12. DOI: [10.3758/s13421-023-01434-2](https://doi.org/10.3758/s13421-023-01434-2)
- 2023 Albu, E. & Capuano, F. (2023). A corpus-pragmatic approach to negation in electoral tweets. In: Roitman, M. (ed.) *Negatives and Meaning*, pp. 113–144. Stockholm: Stockholm University Press. DOI: [10.16993/bcd.e](https://doi.org/10.16993/bcd.e)
- 2022 Capuano, F., Dudschig, C., & Kaup, B. (2022). Using circles games to investigate the referential use of negation. *Language, Cognition and Neuroscience*, 1-12. DOI: [10.1080/23273798.2022.2083645](https://doi.org/10.1080/23273798.2022.2083645)
- 2022 Capuano, F., Claus, B., & Kaup, B. (2022). The experiential basis of compatibility effects in reading-by-rotating paradigms. *Psychological Research*, 1-13. DOI: [10.1007/s00426-022-01663-1](https://doi.org/10.1007/s00426-022-01663-1)
- 2021 Capuano, F., Dudschig, C., Günther, F., & Kaup, B. (2021). Semantic similarity of alternatives fostered by conversational negation. *Cognitive Science*, 45(7), e13015. DOI: [10.1111/cogs.13015](https://doi.org/10.1111/cogs.13015)

Prizes

- 2024 Dissertation Prize of the Psychology Faculty, University of Tübingen.

Posters & Talks

- 2024 Capuano, F., & Kaup, B. (2024, July 24-27). *Pragmatic Reasoning in GPT Models: Replication of a Subtle Negation Effect* [Poster]. CogSci, Rotterdam, Netherlands.
- 2024 Capuano, F., Claus, B., Bub, D., & Kaup, B. (2024, May 15-17). *Disentangling population stereotypes from individual differences in ACEs* [Poster]. International Workshop on Modal and Amodal Cognition, Tübingen, Germany.
- 2024 Capuano, F., Papenmeier, F., & Kaup, B. (2024, March 17-20). *The Time Course of Negation Processing. A Priming Study*. [Poster]. 66. TeaP 2024, Regensburg, Germany.
- 2023 Capuano, F., Claus, B., Bub, D., & Kaup, B. (2023, September 29-30). *Disentangling population stereotypes from individual differences in ACEs* [Poster+Talk]. ESLP 2023, Messina, Italy.
- 2022 Capuano, F., Claus, B., Bub, D., & Kaup, B. (2022, September 05-07). *Disentangling population stereotypes from individual differences in ACEs* [Poster]. KogWis 2022, Freiburg, Germany.
- 2022 Capuano, F., Sorg, T. & Kaup, B. (2022, August 29- September 01). *Activation levels of plausible alternatives in conversational negation* [Talk]. ESCOP 2022 , Lille, France.
- 2022 Capuano, F., Dudschig, C. & Kaup, B. (2022, March 20-23). *Using circles games to investigate the*

- 2021 referential use of negation [Talk]. 64. TeaP 2022, Cologne (Virtual Conference), Germany.
 Capuano, F., Dudschig, C., Günther, F., & Kaup, B. (2021, March 14-17). *Semantic similarity of alternatives fostered by conversational negation* [Talk]. 63. TeaP 2021, Ulm (Virtual Conference), Germany.
- 2020 Capuano, F., Claus, B., & Kaup, B. (2020, February 13-15). *The experiential basis of compatibility effects in reading-by-rotating paradigms* [Talk]. Linguistic Evidence 2020, Tübingen, Germany.
- 2019 Capuano, F., Claus, B., & Kaup, B. (2019, April 15-17). *Compatibility effects in reading-by-rotating paradigms* [Poster]. 61. TeaP 2019, London, UK.

Teaching

- 2023 - present Chat-GPT vs. Human Language Processing (B.Sc. Psychology), University of Tübingen
- 2021 - present Experimental Psychology Practicum (B.Sc. Psychology), University of Tübingen
- WiSe 23-24 R-Programming (B.Sc. Psychology), University of Tübingen
- SoSe 23 Programming I/II (M.Sc. Psychology), University of Tübingen

Tutoring & Advising

- WiSe 21-22 Internship Advisor - Werden Negationen verwendet, wenn Abwesenheit betont wird? (*Are negations used when absence is emphasised?*) (Ivana Singh, B.Sc. Psychology, University of Cologne)
- SoSe 20 Thesis Advisor - Pragmatische Aspekte und die Verfügbarkeit von plausiblen Alternativen bei konversationeller Verneinung. (*Pragmatic aspects and the availability of plausible alternatives in conversational negation.*) (Theresa Sorg, B.Sc. Psychology, University of Tübingen)
- WiSe 18-19, WiSe 19-20 Tutor for Experimental Psychology Practicum (B.Sc. Psychology), University of Tübingen
- WiSe 17-18 Tutor for Computational Linguistics (M.Sc. LST), Saarland University

Events Organization

- 04.2022 FOR 2718 PhDs and Postdocs Writing Retreat, Heidelberg, Germany
- 09.2020 Pint of Science Tübingen (Event Manager), Tübingen, Germany
- 01.2020 1st Doctoral Symposium of the German Society for Cognitive Science, University of Tübingen, Germany

Reviews

- I was asked to act as a reviewer for:
- 2023 Journal of Experimental Child Psychology
- 2023, 2024 Cognitive Science
- 2023 Journal of Experimental Psychology: Learning, Memory, and Cognition
- 2022 Frontiers in Human Neuroscience - Speech and Language
- 2022 Language, Cognition and Neuroscience
- 2022 Topics in Cognitive Science

2022 Journal of Psycholinguistics
2022 KogWis 2022 (conference)
2019, 2022 Cognitive Processing