

Šárka Kadavá

Doctoral researcher

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www.sarkadava.github.io

Education

2018–2022 M.A., Czech philology

Faculty of Arts, Charles
University, Prague

2018–2021 M.A., Electronic culture and Semiotics

Faculty of Social Studies,
Charles University, Prague

2021 Erasmus Mobility Program

Università di Bologna

2020 Erasmus Mobility Program

Lund University

2015–2018 B.A., Czech philology

Faculty of Arts, Charles
University, Prague

Interests

- Multimodal communication
- Social interaction
- Dynamic signals
- Language evolution

Skills

- Programming (Python, R)
- Motion tracking
- Data analysis (Python, R)
- Data visualization
- Data annotation (ELAN, Praat)

Current affiliations

since April 2023. **Visiting researcher**

Donders Center for Cognition, Nijmegen

since October 2022. **Doctoral researcher**

Leibniz Centre General Linguistics, Berlin (Laboratory
Phonology)

Project: On the FLExibility and Stability of Gesture-speech
Coordination (**FLESH**)

PIs: Dr. Aleksandra Ćwiek, Dr. Susanne Fuchs, Dr. Wim Pouw

Academic experience

May–September 2022 **Research assistant**

Institute of Psychology, The Czech Academy of Science, Prague

Project: Czech adaptation of MB-CDI – parent report instrument
investigating early communication of children in age of 8–30
months (**Dovyko**)

PI: Dr. Nikola Paillereau

Publications

Kadavá, Š., Ćwiek, A., Fuchs, S., & Pouw, W. (2024) What do we mean when we say gestures are more expressive than vocalizations? An experimental and simulation study. *Proceedings of the annual meeting of the Cognitive Science Society 2024*. [Full paper](#) [Repository](#)

Fuchs, S., Kadavá, Š., Walker, B., Nicolas, F., Winter, B. & Ćwiek, A. (2024) Exploring the sound structure of novel vocalizations. *Proceedings of the 15th International Conference on the Evolution of Language (EvoLang XV)*. [Preprint](#) [Repository](#)

Kadavá, Š., Ćwiek, A., Stoltmann, K., Fuchs, S. & Pouw, W. (2023) Is gesture-speech physics at work in rhythmic pointing? Evidence from Polish counting-out rhymes. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS), Prague, 7-8 August 2023*. [Full paper](#)

Kadavá, Š. & Zlatev, J. (2022) Cognitive Semiotics as an Emerging Discipline: An Interview with Jordan Zlatev. *The American Journal of Semiotics*, 37(3/4). doi: [10.5840/ajs2021373/481](https://doi.org/10.5840/ajs2021373/481)

Responsibilities

& Memberships

since 4/2024 **PhD representative**

ZAS, Berlin

2023 **Committee Chair**

GESPIN 2023, Nijmegen

since 2022 **PhD representative**

ViCom (DFG Priority Programme 2329)

since 2021 **Junior member**

Research group **Empirical Perspectives on Communication and Cognition**, Faculty of Arts, Charles University, Prague

2019–2022 **Deputy**

editor-in-chief

Student cultural platform Klacek, Prague

Review experience

Language, GESPIN, Evolang, MM-SYM

Coding scripts

Kadavá, Š., Snelder, J., Pouw, W. (2024). Recording from Multiple Webcams Synchronously while LSL Streaming. [Script](#)

Kadavá, Š., Pouw, W. (2024). 3D motion tracking using multiple cameras with OpenPose and Pose2Sim. [Script](#)

Grants

ViCom short-term collaboration (€1500). 2024, lead by Šárka Kadavá and Door Spruijt.

ViCom short-term collaboration (€310). 2024, lead by Šárka Kadavá and Chiara Zulberti.

Scientific presentations

Kadavá, Š., Ćwiek, A., Fuchs, S., Pouw, W. Repair kinematics of silent gestures (oral presentation at the symposium Towards a movement science of communication). CogSci 2024.

Kadavá, Š., Ćwiek, A., Fuchs, S., Pouw, W. What do we mean when we say gestures are more expressive than vocalizations? An experimental and simulation study (poster presentation). CogSci 2024.

Kadavá, Š., Ćwiek, A., Fuchs, S., Pouw, W. FLESH: On the Flexibility and Stability of Gesture-Speech Coordination (oral presentation). ViCom Meeting 2023.

Kadavá, Š., Ćwiek, A., Stoltmann, K., Fuchs, S., Pouw, W. Is gesture-speech physics at work in rhythmic pointing? ([poster](#)). 20th International Congress of Phonetic Sciences (ICPhS) 2023.

Amoakuh, A., Kadavá, Š., Twente, L., Özsoy, O. Tackling the replication crisis: Young Linguists at the forefront ([poster](#)). *8th Young Linguists' Meeting in Poznań (YLMP 2023)*.

Invited workshops

Multimodality: what is it and why does it matter. Course: Experimentelle Untersuchungen im L2-Lauterwerb (lecturer: Sarah Wesolek), November 2023. Humboldt University, Berlin.

Visualizing Multimodal Data. Course: Methods in Multimodal Communication (lecturer: James Trujillo), January 2024. LOT Winter School 2024, Tilburg University.

Last updated: August, 2024.