Curriculum Vitae

Mgr. Ľudmila Lacková Bennett, PhD et PhD

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Education

2018: **PhD in General Linguistics and Communication Theory, Palacký University Olomouc, double degree (cotutelle) with University of Bologna**, Department of **Semiotics and Philosophy of Language**

2016: **Master's Degree in General Linguistics and Italian Philology, Palacký University Olomouc** (cum laude)

2013: **Bachelor's Degree in Italian Philology and French Philology, Palacký University Olomouc**

Academic positions and Teaching Activities

Since 2026: **Associate Dean for External Relations at Charles University in Prague**

Since 2025: **Assistant Professor at Charles University in Prague**

- Classes given at the Faculty of Humanities: Cognitive Linguistics, Media Semiotics, Commercial Semiotics, Speech Acts Theory, Narrativity in Non-Fictional Genres, Introduction to Linguistics

Since 2019: **Assistant Professor at Palacký University of Olomouc**

- Classes given at the Department of General Linguistics: Complex Analysis of Communication Process, Pragmatics, Semiotics, Contemporary approaches to Grammatical descriptions, Critical Discourse Analysis, Biosemiotics, Detective Fiction and Semiotics, Cognitive Semiotics, Morphosyntax, Lexicon

Since 2021: **Chair of the bachelor study program in General Linguistics and Communication theory**

2021-2024: **Head of Department of General Linguistics, Palacký University in Olomouc**

2017 – 2021: **Secretary for the Doctoral Study Programs at the Department of General Linguistics, Secretary for Department of General Linguistics**

Managing and Editorial work

- Since 2025: Director of the International Semiotics Institute
- Since 2023: Associate editor for the book series *Numanities, Arts and Humanities in Progress*, published by Springer
- Since 2022: Editor in Chief of the journal *Linguistic Frontiers*, published by the De Gruyter Open Access
- Since 2021: Treasurer of the International Society for Biosemiotic Studies

- Since 2020: Associate editor for the journal Biosemiotics, published by Springer
- 2017-2018: Managing editor for the journal *Czech and Slovak Linguistic Review*, published by the Palacký University
- 2016 – 2020: Erasmus and Ceepus coordinator at the Department of General Linguistics, Palacký University

Publications

A. Books

Monographs

2025

- Lacková, Ľudmila (2025). *Language of Life: A Peircean Approach to Living Organisms*. Peter Lang.

2021

- Lacková, Ľudmila and Bidaud, Samuel Henri (2021). *Stručný průvodce jazyky Evropy* (A short guide to the languages of Europe). Palacký University Press.

2015

- Petra Vaculíková, Michal Jurka, Lacková Ľudmila et al. (2015). *Tematicko-rematický nexus z rozmanitých perspektiv v různých jazycích*, Palacký University Press.

Edited Collections

2025

- Jorge Uruena Lopez, Jamin Pelkey and Ľudmila Lacková Bennett (eds.), *Semiosis as Creation: Between Nature, Body and Art*, Universidad del Rosario Press.

2020

- Ľudmila Lacková, Claudio Rodríguez, Kalevi Kull (eds.). *Gatherings in Biosemiotics XX*, University of Tartu Press.

B. Articles

2026

- Lacková Bennett, Ľudmila, Harišová, Kristína, Chovanec, Jonáš, Popelka, Stanislav: Visual Reading of Digital Texts: A Semiotic Perspective (under review).
- Lacková et al. (2026): Selling Reproduction: A Semiotic Analysis of Persuasion in IVF Clinic Websites, *Punctum* (under review)
- Jurková, Barbora, Lacková, Ľudmila (2026): Nature of codes and codes of nature: A short excursion into the past and the future of the biological codes, *BioSystems*, Volume 265, 2026, https://doi.org/10.1016/j.biosystems.2026.105804
- Lacková, Ľudmila: Markedness, in Hilary Nesi, Petar Milin (eds.), *International Encyclopedia of Language and Linguistics* (Third Edition), Elsevier, pp. 510-515, encyclopedia entry https://doi.org/10.1016/B978-0-323-95504-1.01491-5
- Lacková, Ľudmila: Iconicity Theory, in Hilary Nesi, Petar Milin (eds.), *International Encyclopedia of Language and Linguistics* (Third Edition), Elsevier, pp. 488-493, encyclopedia entry https://doi.org/10.1016/B978-0-323-95504-1.01475-7

2025

- Lacková Bennett, Ľudmila. (2025). Toward a biosemiotics framework for AI: Folding and the dynamics of meaning. Sign Systems Studies, 53(3-4), 444–463. https://doi.org/10.12697/SSS.2025.53.3-4.07
- Lacková Bennett, Ľudmila, Kristína Harišová, Anežka Formánková, Zdeněk Joukl (2025): From Hieroglyphs to Emoji: A Spiral Model for Writing Systems Evolution, *Semiotica*, De Groyuter Mouton. https://doi.org/10.1515/sem-2024-0130

2024

- Lacková Bennett, Ľudmila (2024): Artificial Intelligence: Medium or Subject? On the 10th Anniversary of the Publication of the Article "Theory of New Media and the Transformation of a Medium into a Subject?", *Linguistic Frontiers* 7 (2), Sciendo, pp. 1-7. https://doi.org/10.2478/lf-2024-0013

2023

- Švorcová, Jana, Lacková, Ľudmila, Fulínová, Eliška (2023): Evolution by habit: Peirce, Lamarck, and Teleology in Biology, *Theory in Biosciences* 142, pp. 411–422. https://doi.org/10.1007/s12064-023-00406-z
- Lacková, Ľudmila, Pietarinen, Ahti-Veikko Juhani, Tønnessen, Morten (2023): Biosemiotic Achievement Award for the Year 2022, *Biosemiotics* 16, pp. 373–379. https://doi.org/10.1007/s12304-023-09544-9
- Lacková, Ľudmila (2023): Digital Writing and the new primitive mind, *Culturologica Slovaca* 2, pp. 88-100.
- Lacková, Ľudmila (2023): In the fold of the manifold: a reflection on *Bloomsbury Semiotics*, *Cognitive Semiotics* 16 (1), pp. 69-89. https://doi.org/10.1515/cogsem-2023-2005
- Lacková, Ľudmila (2023): Structural semiology, Peirce, and biolinguistics, *Semiotica* 253, pp. 1-21. https://doi.org/10.1515/SEM-2022-0058
- Romanini, Anderson Vinicius, Lacková, Ľudmila (2023): Morphoesthetics in artificial intelligence: proteins versus machines, *Semeiosis: Semiótica e Transdisciplinaridade em Revista* 11 (1).

2022

- Lacková, Ľudmila (2022): Participative opposition applied, *Sign Systems Studies* 50 (2-3), pp. 261-285. https://doi.org/10.12697/SSS.1
- Bennett, Tyler, Chávez, Israel, Kull, Kalevi, Lacková, Ludmila, Miyamoto, Oscar (2022): Funktionskreis and the Biosemiotic Signifieds, *Sign Systems Studies* 50 (2/3), pp. 433-452.
- Faltýnek, Dan, Lacková, Ľudmila, Vaculíková, Petra, Pivoňková, Lenka (2022): Farewell with editor-in-chief, professor doctor Jan Kořenský, *Linguistic Frontiers*, pp . 1-3. https://doi.org/10.2478/lf-2022-0001

2021

- Lacková, Ľudmila, Faltýnek, Dan, (2021): The Lower Threshold as a Unifying Principle between Code Biology and Biosemiotics, *Biosystems* 210 (1). https://doi.org/10.1016/j.biosystems.2021.104523

- Bolshoy, Alexander, Lacková, Ľudmila (2021): Illusions of Linguistics and Illusions of Modern Synthesis: Two Parallel Stories, *Biosemiotics* 14 (1), pp. 115-119. https://doi.org/10.1007/s12304-021-09429-9
- Higuera, Claudio J. Rodríguez, Lackova, Ľudmila (2021): Lessons Learned: the 20th Gatherings in Biosemiotics, *Biosemiotics* 14, pp. 531–536. https://doi.org/10.1007/s12304-021-09460-w
- Lacková, Ľudmila, Zámečník, Lukáš (2021): Building Digital Humanities on the Linguistic Background: Methodological Basis for Digital Humanities Education in Undergraduate and Graduate Programs, *Linha D Água* 34 (2), pp. 83-102.
- Faltýnek, Dan, Lacková, Ľudmila, (2021): In the Case of Protosemiosis: Indexicality vs. Iconicity of Proteins, *Biosemiotics* 14, pp. 209-226. https://doi.org/10.1007/s12304-020-09396-7

2020

- Faltýnek, Dan, Lacková, Ľudmila, Owsianková, Hana (2020): Once again about the hapax grammar. Epigenetic Linguistics, *Linguistic Frontiers* 3 (1), pp. 23-27. https://doi.org/10.2478/lf-2019-0002
- Lacková, Ľudmila, Zámečník, Lukáš (2020): Logical Principles of a Topological Explanation, *Chinese Semiotic Studies* 16 (3), pp. 483-514. https://doi.org/10.1515/css-2020-0027
- Krivochen, Diego, Lacková, Ľudmila (2020): Iconicity in syntax and the architecture of linguistic theory, *Studies in Language* 44 (1), pp. 95-131. https://doi.org/10.1075/sl.19017.lac
- Lacková, Ľudmila (2020): Folding of a Peptide Continuum. Semiotic Approach to Protein Folding, *Semiotica* 233, pp. 79-90. https://doi.org/10.1515/sem-2018-0116

2019

- Lacková, Ľudmila (2019): Towards a Processual Approach in Protein Studies, *Biosemiotics* 12, pp. 469–480. https://doi.org/10.1007/s12304-019-09370-y
- Faltýnek, Dan, Matlach, Vladimír, Lacková, Ľudmila (2019): Bases are Not Letters: On the Analogy between the Genetic Code and Natural Language by Sequence Analysis, *Biosemiotics* 12, pp. 289-304. https://doi.org/10.1007/s12304-019-09353-z

2018

- Lacková Ľudmila (2018): The Prague School, Teleology and Language as a Dynamic System, *Acta Structuralica* 3, pp. 105-121.
- Lacková Ľudmila (2018): Metafyzik a biológia: evolučná teória Henriho Bergsona, *Filosofický časopis* 66 (1), pp. 129-144.
- Lacková Ľudmila (2018): A Biosemiotic Encyclopedia: an Encyclopedic Model for Evolution, *Biosemiotics* 11 (2), pp. 307-322, https://doi.org/10.1007/s12304-018-9325-z

2017

- Lacková, Ľudmila, Faltýnek, Dan, Matlach, Vladimír (2017): Arbitrariness is not enough: towards a functional approach to the genetic code, *Theory in Biosciences* 136, pp. 187–191. https://doi.org/10.1007/s12064-017-0246-1

2015

- Lacková, Ľudmila (2015); Iconicity and topic-focus sequentiality, *Czech and Slovak Linguistic Review* 1, pp. 44-55. https://cslr.upol.cz/archive/12015-2/

2014

- Lacková, Ľudmila (2014): Ztracený čas, celer a koláčky s čajem. O cestování v čase a nejhlubších zákoutích Proustovy mysli (Lost Time, Celery, and Tea Cakes. About Time Travel and the Deepest Corners of Proust's Mind), *Host* 3, pp. 69-73. https://www.h7o.cz/files/magazines/285/host_2014_03.pdf

C. Book Chapters

2027

- Lacková, Ľudmila (2027). Biological Bases of Intelligence. Non-reductive approach to LLMs. In *The Palgrave Charles S. Peirce Handbook*, Elize Bisanz and Susan Petrilli (eds.), Palgrave Macmillan (in preparation)

2026

- Krivochen, D. G., & Lacková Bennett, Ľ. (2026). Iconicity and generative grammar. In *The Oxford Handbook of Iconicity in Language*, pp. 105-122. Oxford University Press.
- Lacková Bennett, Ľudmila (2026). Welby the Time-Traveller: Non-linear time as embodied and extended binocular cognition. In V*ictoria Welby and Her Significs: Signs, a Woman's View*, edited by Susan Petrilli and Devon Schiller, Springer Nature. In press
- Lacková, Ľudmila (2026). Entre Peirce et Tesnière : structure, syntaxe et dynamique du signe. In *Semiotics and Linguistics*, edited by Amir Biglari, Open Semiotic. In press.
- Lacková, Ľudmila, De Bayas Sanchez, Anna, Fialová, Jitka (2026). Semioetica nella comunicazione delle cliniche di fertilitá in Susan Petrilli (ed.): *Semioetica* (in press)

2025

- Lacková Bennett, Ľudmila (2025). Inteligencia artificial: lenguaje, iconicidad y limitaciones corporales para la creatividad. In Ľ. L. Bennett, J. E. U. López, & J. Pelkey (Eds.), Semiosis as Creation: Between Nature, Body, and Art / Semiosis como creación: entre la naturaleza, el cuerpo y el arte: Between Nature, Body, and Art / entre la naturaleza, el cuerpo y el arte (1st ed., pp. 143–174). Editorial Universidad del Rosario. http://www.jstor.org/stable/jj.36461989.13

2024

- Lacková, Ľudmila (2024). Crisis of the Subject in Mediated Communication in *Epidemics and Pandemics. Philosophical Perspectives*, Alessandro Palazzo, Michele Nicoletti (eds.). Brepols, 2024, pp. 279-296

2023

- Lacková, Ľudmila (2023). O potrebe skúmania digitálnej komunikácie *in Impulzy súčasnej jazykovedy*, Alena Bohunická, Maryna Kazharnovich (eds.). Komenský University in Bratislava, 2023, pp. 123-140

2019

- Lacková, Ľudmila (2019). Logic of Relatives as Syntax in the Genetic Code in *Applied Interdisciplinary Peirce Studies, Peirce Studies 10*, Elize Bisanz (ed.). Peter Lang Verlag, 2019, pp. 189-204
- Lacková, Ľudmila (2019). Quelques Remarques sur l'Usage du Terme "l'Arbitraire du Signe" in *The Arbitrariness of the Sign in Question*, Jean-Yves Beziau (ed.). College Publications, 2019, pp. 283-294

D. Proceedings

- Lacková, Ľudmila (2020*): The Jealous Narrator: Analysis of the Enunciation Strategies in Robbe-Grillet's Novel La Jalousie*. In Vanesa Pafundo (ed.), Actas 14º Congreso Mundial de Semiótica: Trayectorias, Escrituras e Historias (Buenos Aires - Septiembre 2019), vol. 3, pp. 19-24. DOI: 10.24308/IASS-2019-3-002
- Lacková, Ľudmila (2015): *Topic and focus as instruments for a contrastive analysis: iconicity of functional sentence perspective in French and Italian*. In Marina Benedetti, Carla Bruno, Paola Dardano, Liana Tronci (eds.), Grammatiche e grammatici. Torie, testi e contesti, Atti del XXXIX Convegno della Società Italiana di Glottologia (Università per Stranieri di Siena, 23-25 ottobre 2014), Editrice Il Calamo. ISBN: 9788898640157

E. Reviews

- Jurková, Barbora, Šonská, Barbora, Lacková, Ľudmila (2023): Quo Vadis, Biosemiotics?, Linguistic Frontiers 6 (3), 2023, pp. 1-5. https://doi.org/10.2478/lf-2023-0021
- Lacková, Ľudmila, Bidaud, Samuel (2021): Le concept linguistique d'opérativité, *Jyzkovedný časopis* 72 (3), Jazykovedný ústav Ľudovíta Štúra Slovenskej Akadémie Vied, pp. 842-844.
- Lacková, Ľudmila (2020): Slovenské podoby interakčnej štylistiky, *Naše řeč* 103 (4), pp. 373-376.
- Lacková, Ľudmila (2017): Calvino, Italo: Neviditelná města. https://www.iliteratura.cz/Clanek/38763/calvino-italo-neviditelna-mesta
- Lacková, Ľudmila (2017): Calvino, Italo: Když jedné zimní noci cestující. https://www.iliteratura.cz/clanek/38831-calvino-italo-kdyz-jedne-zimni-noci-cestujici
- Lacková, Ľudmila (2016): Co je biosémiotika aneb Jak organismy interpretací světa utvářejí sebe sama (rev. Anton Markoš: Znaky a významy v evoluci), *Aluze* 3-4, Palacký Unversity Olomouc.
- Lacková, Ľudmila (2014): Giordano, Paolo: Tělo: recenze. https://www.iliteratura.cz/Clanek/33195/giordano-paolo-telo

F. Editorials

- Pivoňková, Lenka, and Ľudmila Lacková Bennett (2024): Foreword: The Legacy of Professor Jan Kořenský and Contemporary Horizons of Linguistics, *Linguistic Frontiers*, vol. 7, no. 2, Sciendo, 2024, pp. 1-4. https://doi.org/10.2478/lf-2024-0011

- Lacková, Ľudmila, Faltýnek, Dan (2021): Can quantitative approaches develop bio/semiotic theory?, *Biosemiotics* 14 (1), pp. 237-240. https://doi.org/10.1007/s12304-021-09443-x
- Ilyin, Mikhail, Lacková, Ľudmila, (2020): Linguistic Frontiers Special Issue 2020 Introduction, Linguistic Frontiers 3 (2), pp. 1-2. https://doi.org/10.2478/lf-2020-0009

G. Translations

- Claudio Paolucci: Primární ikonismus a sémiotická gnozeologie: Mezi Peircem a Ecem (trans. Ľudmila Lacková), *Aluze* 3-4/2016, Palacký University.

Advisory Work

Supervisor for PhD thesis (1- ongoing):

- Barbora Jurková: *Possibilities of applying the von Neumann probe as a mechanistic model* (started PhD in 2023), Palacký University in Olomouc

External reviewer for PhD thesis:

- 2025
  - OHLSON Márcia*: Blockchain no Jornalismo e nas Redes Sociais Digitais - uma leitura pragmaticista e semiótica*, supervisor Vinicius Romanini, University of São Paulo
  - ZENGIARO Nicola: *Il continuum della vita: semiosi come risonanza ecosistemica*, supervisor Francesco Mazzuchelli, University of Bologna

Supervised defended MA theses:

- 2026
  - CHRÁPKOVÁ Kateřina: *Comparative Semiotic Analysis of LGBT+ Narratives in Western and Asian Dramas*, Palacký University in Olomouc
  - CHOVANEC Jonáš: *Use of classical music in marketing in the Czech Republic, Taiwan and PRC: a comparative study*, Palacký University in Olomouc
  - KUTIL Jan: *The Role of Transparency, Trust and Agreement in UI/UX design: The Challenges and Possibilities of User Freedom,* Charles University in Prague
- 2023
  - DOSOUDILOVÁ Tereza: *Selected Topics from C. S. Peirce and Lady Victoria Welby's Correspondence: Annotated Translation and Analysis*, Palacký University in Olomouc
  - FIEDLER Jan: *Detection of disinformation based on quantifiable text features*, Palacký University in Olomouc
  - SLENČKOVÁ Martina: *What is hidden beyond words*, Palacký University in Olomouc
- 2022
  - HOLICKÁ Miriama: *Semiotics of Gender - A Queer Reading of Gender as a Social Construct*, Palacký University in Olomouc
- 2019
  - PIVOŇKOVÁLenka: *Complex Analysis of the TV Discussion Programme: Focus on the Politeness Theory*, Palacký University in Olomouc

Supervised MA theses in progress:

- VRÁNOVÁ Kamila: *Text and Image in Digital Culture: a Semiotic Perspective on Internet Memes*, Palacký University in Olomouc, Palacký University in Olomouc
- MORKES Daniel: *Who communicates through genes? Towards a Deleuzian Biosemiotics*, Charles University in Prague
- KRAUSOVÁ Eliška: *Semiotics of Advertising: Sensory Marketing of the Lush Brand in the Digital Environment,* Charles University in Prague
- ZIEGLEROVÁ Pavla: *The semiotics of generative AI*: *pseudointentionality and the discourse of Expected AI*, Charles University in Prague

Supervised defended BA theses:

- 2026
    - DOSTÁLOVÁ Michaela: *Music as Opera Aperta: A Semiotic Analysis of The Black Parade Album*, Palacký University in Olomouc
    - CHODÚROVÁ Karin: *Mapping the Sagittal Anatomical Plane in Orientational Conceptual Metaphors with Regard to Second Language Acquisition: Cross-linguistic Analysis of Left-Right Metaphors in English, Slovak and Dutch*, Palacký University in Olomouc
    - SÝKOROVÁ Eliška: *Verbal Aspect from the Perspective of Linguistic Relativism*, Charles University in Prague
    - NAJMANOVÁ Alice: *A Cognitive-Linguistic Analysis of Internet Memes from the 2025 Parliamentary Elections in the Czech Republic*, Charles University in Prague
    - ČERNOCH Pavel: *The Role of the Symbolic Threshold in Language Evolution: A Reflection on Terrence W. Deacon's The Symbolic Species from the Perspective of Contemporary Semiotics and Biology*, Charles University in Prague
    - ZEITHAMLOVÁ Bára: *Analysis of Semiotic Codes in Gender-Based Marketing of Hair Care Products: Visual and Verbal Product Differences and Their Reflection in Pricing*, Charles University in Prague
- 2025
    - FORMÁNKOVÁ Anežka: *Cognitive pragmatics of emotional expression in digital texts*, Palacký University in Olomouc
    - LAPKIN Ian: *Comprehensive analysis of signed languages and their comparison to spoken languages*, Palacký University in Olomouc
    - O'NEILL Conor Brendon: *TikTok Talk: A Corpus Investigation of Medical Speech Acts on TikTok*, Palacký University in Olomouc
    - VAŠKOVÁ Alexandra: *Marketing semiotics and neuromarketing*, Palacký University in Olomouc

- 2024
    - GÖRDÜ Kivanç: *The Autonomy of the Symbolic: Cognitive Approaches to Ideology and the Unconscious*, Palacký University in Olomouc

- 2023
    - PSOTKA Tadeáš: *Academic Semiosphere*, Palacký University in Olomouc
- 2021
    - ISKANDEROVA Olga: *Feminitives in contemporary Czech and Russian language*, Palacký University in Olomouc

Supervised BA theses in progress:

- GARKAVIY Nikita: *Digital Memory and Linguistic identity*, Palacký University in Olomouc
- HONIGOVA Michaela: *The Linguistic Construction of Temporality and Subjectivity through Spatiotemporal Conceptual Metaphors*, Charles University in Prague

Numerous opponent works

International Projects

- 2026-2029: **VITAE: Vital Interpretations of Trans-ecologies Animacy and Epistemologies**, HORIZON- MSCA Postdoctoral Fellowships 2025, grant ID: 101275697, project supervisor (total funding of 233.066.16 EUR).

- 2025-2029: **MASKED: Motor Health and Semiotic Function in the Kinesthetic Expressivity of Neurodegenerative Disease**, HORIZON-MSCA-2024-SE-01, grant ID: 101236781, project coordinator (total funding of 1.052.100 EUR).

- 2025-2027: **HONE: How Narratives Emerge: A Complexity Science Approach to Public Discourse Aurora Incentive and Collaborative Research Projects**, AURORA Alliance, project partner (total funding of 14.00 EUR).

- 2023-2026: **Erasmus project Latin America**, 2023-1-CZ01-KA171-HED-000140069, responsible person for mobilities with Sao Paulo University (total funding of 14.740 EUR).

- 2021: **Aurorization of the course Complex Analysis of Text and Communication Process**, AURORA Alliance, principal investigator (total funding of 3.617 EUR).

- 2021-2023: **Erasmus project HUGOD: Humanities Going Digital**, 2020-1-CZ 01-KA226- HE-094363, researcher and responsible person for implementation and intellectual outputs for the whole network (total funding of 299.993 EUR).

- 2017: **Word order and information structure: A cross and intra-linguistic perspective**, funded by Norway Grants, member of academic team (total funding of 10.568 EUR).

National Projects

- 2025-2026: **Bioethical and intercultural verification of the methodological concept for evaluating marketing strategies in reproductive medicine**, Proof of Concept at Charles University in Prague SIGMA 4, Technological Agency of the Czech Republic, project n. TQ11000058, member of academic team (total funding of 37.291 EUR)

- 2018-2020: **Digital Humanities na Univerzitě Palackého v Olomouci**, project no. CZ.02.2.69/0.0/0.0/16_018/0002675 funded by the European Social Fund and the Ministry of Education, Youth and Sport of the Czech Republic, member of academic team and admin (total funding of 337.939 EUR).

- 2014-2015: **Linguistic and Lexicostatistic Analysis in Cooperation of Linguistics, Mathematics, Biology and Psychology**, project no. CZ.1.07/2.3.00/20.0161 funded by the European Social Fund and the Ministry of Education, Youth and Sport of the Czech Republic, team member (total funding of 940.228 EUR).

Local Projects at Palacký University

- 2024–2026: **General Linguistics for the Digital Paradigm Shift**, JG_2024_020, principal investigator (total funding of 145.103 EUR).

- 2024: **Critical Digital Humanities in theory and practice**, IGA_FF_2024_029, principal investigator (total funding of 10.627 EUR).

- 2023: **General Linguistics and Communication Theory in the Age of Digital Technologies**, IGA_FF_2023_044, principal investigator (total funding of 15.597 EUR).

- 2020: **The Application of Digital Humanities Methods in Interdisciplinary Research**, IGA_FF_2020_006, principal investigator (total funding of 23.959 EUR).

- 2020: **Innovation in the Study of General Linguistics: A Guide to the Linguistic Diversity of Europe**, FRUP_2020_062, principal investigator (total funding of 2.271 EUR).

- 2019-2021: **The Application of Semiotic Descriptions at the Interface of Pragmatics and Semiotics**, FPVC2019/03, principal investigator (total funding of 11.648 EUR).

International Experience

2021: Postdoc research position at *Peirce Institute for Studies in Pragmaticism*, Texas Tech University, Lubbock, Texas, USA

2017: PhD study at University of Bologna, Italy, Department of Semiotics and Philosophy of Language

2014: Erasmus exchange, University of Bologna, Italy, Department of Semiotics and Philosophy of Language

2012: Erasmus exchange, University Cattolica of Milan, Italy, Department of Language and Literature

Awards and Certificates

2026: FACS (Facial Action Coding System) certification

2025: *Cooperatio* Research Grant Committee Member for Media and Communication Studies at Charles University in Prague

2024 – 2026: Mouton d'Or Award committee member for *Semiotica* journal best article

2019: J. Derrida award for research in social sciences and humanities

Organized International Conferences:

2025

- Conference *Semiotics of Friendship: Relations Beyond Interactions*, **The 49th Semiotic Society of America Annual Conference**, Charles University, Prague, Czechia, September 24–28, 2025 (50 attendees). https://www.semioticsocietyofamerica.org/wp-content/uploads/2025/03/SSA-49th-Call-for-Papers-Extended-Deadline.pdf

- Two-day *session Conceptual Blending*, co-organized with Jamin Pelkey and Mark Turner, *International Cognitive Linguistics Conference*, **International Cognitive Linguistics Association** (ICLC-17), Buenos Aires, Argentina, July 14-18, 2025 (200 attendees). https://iclc17.com/

2024

- Summer Retreat, *Semiotic Resonance*, in cooperation with ERC Consolidator grant FACETS, Palacký University, Olomouc, Czechia (50 attendees). https://isisemiotics.upol.cz/past-events/semiotic-resonance-2024/

- Conference *Signs and realities*, **16th World Congress of Semiotics**, Warsaw, Poland, September 2-6, 2024, co-organizer (400 attendees). https://www.semcon2024.com/

2023

- Conference *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**, University of Copenhagen, Denmark, July 31-August 4, 2023, co-organizer (60 attendees). https://biosemiotics.org/gatherings-in-biosemiotics-

2023/#:~:text=Welcome%20to%20Copenhagen!&text=The%20Gatherings%20in%20Biosemiotics%20will,for%20abstracts%20was%2031%20March.

- Summer School *Visual Metaphor*, **International Semiotic Summer School (ISSSIP 2023)**, Charles University, Prague, Czechia, July 23-28, 2023 (30 attendees). https://isisemiotics.upol.cz/summer-school/

- Winter School *AI & SOCIETY*, Palacký University, Olomouc, Czechia, January 16-19, 2023 (40 attendees). https://www.upol.cz/nc/en/calendar/event/clanek/winter-school-on-ai-society/

2022

- Conference *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**, Palacký University, Olomouc, Czechia, June 27-1 July, 2022 (80 attendees). https://biosemiotics.upol.cz/

- *Eight International Conference in Code Biology,* **International Society of Code Biology**, Palacký University, Olomouc, Czechia, June 7-11, 2022 (30 attendees). https://www.codebiology.org/conferences/Olomouc2022/#:~:text=Olomouc%20(Czech%20Republic)%2C%207,historical%20foundation%2C%20of%20Code%20Biology.

2021

- Discussion Forum *Transformation of Objects and Communication,* **16. Internationaler Kongress der Deutschen Gesellschaft für Semiotik**, September 28-October 2, 2021, online (co-organized with Stéphanie Schneider). video recording: https://www.academia.edu/video/kbL2v1

- Conference *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**, Stockholm and online, July 26-29, 2021, co-organizer (60 attendees). https://biosemiotics.org/2021-gatherings/#:~:text=July%2026%2D29%2C%202021,sign%20processes%20in%20life%20processes.

2020

- Conference *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**, online, November 27-29, 2020, main organizer (70 attendees). https://biosemiotics2020.upol.cz/index.php/schedule-27-29-november-2020/

2017-2018

- Lectures series for the Central European Exchange Programme for University Studies (**Ceepus**), Olomouc, main organizer (100 attendees in total).

2016-2017

- Two conferences for **Norway Grants**, Oslo and Olomouc, co-organizer (30 attendees each).

- *Linguistic afternoon*, Palacký University, Olomouc, Czechia, co-organizer (40 attendees every year). https://bohemica.upol.cz/pdfs/boh/2017/02/14.pdf

International Conference Presentations (including keynote and invited talks):

2026

- The Prague Linguistic Circle in Geneva and Paris, **Cercle Ferdinand de Saussure**: Circulations and Decenterings: *Jakobson today. Markedness Theory Applied*, Fribourg, September 10 - 11, 2026, plenary speaker.
- Conference of **the International Association for Cognitive Semiotics**, Rome, Sapienza University: *Folding as Semiotic Modeling: From Molecular Mechanisms to Cognitive Structuration*, June 4-6, 2026.
- Agency and Ethics of Algorithmic Faces in Medicine and Healthcare, **Technical University of Munich**: *Decoding faces to detect Parkinson's Disease*, April 13 - 14, 2026, invited speaker.
- Semiotic Interludes Part II: The Interactions of Multilingualism, Cognition, Memory and Text across Cultures and Disciplinary Approaches, **Duke University**: *Toward Medical Semiotics of Neurodegenerative Diseases: Introducing a New Research Program*, February 19-23, 2026, invited speaker.

2025

- *SemiAI Semiótica & Inteligência Artificial*, University of São Paulo, Folds as Material Patterns from Proteins to AI (presented online), December 4, 2025.

- *Semiotics of Friendship: Relations Beyond Interactions*, **The 49th Semiotic Society of America Annual Conference:** *Participative Opposition as a means for "Language of Friendship"*, Charles University, Prague, Czechia, September 24–28, 2025.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)** *MASKED project panel*, (co-authored with Hendlin, Khumalo, Mehu, Schiller), Erasmus University in Rotterdam, Netherlands, August 29, 2025.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**: *On Creative Love and Organismal Freedom* (co-authored with Jana Švorcová), Erasmus University in Rotterdam, Netherlands, August 29, 2025.

- *International Cognitive Linguistics Conference*, **International Cognitive Linguistics Association** (ICLC-17): *Disanalogy and participative opposition in Digital Writing*, Buenos Aires, Argentina, July 14-18, 2025.

- Summer Symposium *Ideologies of Conservation and Transformation*, **Bruno Kessler Foundation ISR**: *Gender Ideologies and Algorithmic Bias: A (Bio)semiotic Perspective*, Trento, Italy, June 23-24, 2025, invited speaker.

- Conference *Animalità e biosemiotica. Ripensare la vita e le sue espressioni*: *Non-Self-Conscious Interpretants in Animal Cognition: the Case of the Canadian Goose*, University of Cagliari, Italy, June 20, 2025, keynote speaker.

- Conference *AI and poetry*, **Myrifield Institute for Arts and Cognition:** *AI: language, iconicity, and bodily constraints for creativity*, Massachusetts, USA, May 16, 2025, invited speaker.

- Conference *Journées d'études Sémiotique et Participation*: *La biosémiotique comme participation*, University Rennes 2, France, February 11-12, 2025.

2024

- Symposium *Semiotic Interludes: Revealing the Space Between the Notes in the Natural Sciences, Social Sciences, Humanities and the Arts,* hosted and funded by **Duke University**: *Cognitive Consequences Of The Technological Turn In Communication: Semiotic Perspective*, North Carolina, USA, November 7, 2024, invited speaker.

- Panel "Blending Structuralism and Pragmatism": *Digital Writing and the New Primitive Mind*, **16th World Congress in Semiotics**, Warsaw University, Poland, September 4, 2024.

- Panel "Biosemiotics": *Folding as Semiotic Modeling*, **16th World Congress in Semiotics**, Warsaw University, September 3, 2024.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *In search of C space: Umberto Eco between dyadicity and interpretation*, University of Free State, Bloemfontein, South Africa, presented online, June 18, 2024.

2023

- Conference *So many insights of semiotics and philosophy on culture and arts today*: *Digital Mind and the New Era for Linguistics*, Nitra Constantine Philosopher University, Slovakia, December 13, 2023, invited speaker.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *Biological Writing: An Appendix to The Language Metaphor of Life***,** University of Copenhagen, Denmark, August 1, 2023.

2022

- Conference *Oscar´s day*: *Roman Jakobson´s Shifting Semiotic Status,* University of Helsinki, Finland, December 2, 2022, invited speaker.

- Conference *HUGOD*: *Humanities Going Digital at Department of General Linguistics*, (co-authored with Lenka Pivoňková), University of Pécz, Hungary, September 8, 2022.

- **15th World Congress in Semiotics**: *Semiotics Means to Participate*, University of Thessaloniki, Greece, September 3, 2022.

- Summer School *Znak jako bonboniéra*: *Peirce is like a box of chocolates*, Charles University, Prague, August 7, 2022, keynote speaker.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS)**: *From proteins to algorithms: A (bio)semiotic approach to artificial intelligence*, (co-authored with Vinicius Romanini), Palacký University, Olomouc, June 27-1 July, 2022.

- *Eight International Conference in Code Biology*, **International Society of Code Biology**: *The Lower Threshold in Code Biology*, Palacký University, Olomouc, Czechia, June 10, 2022.

- Conference *HUGOD*: *Humanities going digital*, Palacký University, Olomouc, Czechia, online, February 18, 2022.

2021

- Conference *X. Peripatetic Conference on Cognitive Systems Modelling*: *Proteins as minimal agents for modeling AI,* (co-authored with Tyler J. Bennett), Zakopane, Poland, October 22, 2021.

- *Seventh International Conference in Code Biology*, **International Society of Code Biology**: *On the asymmetrical relation between linearity and non-linearity*, Luznica, Croatia, online, September 2, 2021. https://www.academia.edu/video/k36pLl

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *A Peircean reading of Lamarck: evolution by habit*, (co-authored with Jana Švorcová), Stockholm and hybrid, July 27, 2021. https://www.academia.edu/video/kAZ8Xj

- **Biosemiosalong** *Funktionskreis and the Biosemiotic Signifieds*: *Law of Nature, Phaneron, and Relational Logic: Form and Substance in Peirce as the First*

Semiologist, Karl Ernst von Baer House, Tartu, Estonia, July 13, 2021, invited speaker. https://www.youtube.com/watch?v=GlSGmLBq6vM&list=PLkPrduw3UtaYw1MrUC642LCusbzqe8g8o&index=2

- **Semiosalong** *Transmutation*: *Between Form and Substance: A non-orthodox reading of Hjelmslev*, online, April 15, 2021, invited speaker. https://www.youtube.com/watch?v=mb4XZhnvIWY

2020

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *Some Notes on the Representational Aspect of Low-Level Semiosis*, (co-authored with Dan Faltýnek), Olomouc, Czechia, online, November 27, 2020. https://www.youtube.com/watch?v=8Y_glNZ0D0o

2019

- Conference **Studia Romanistica Beliana:** *Embrayage, débrayage*. *Stratégies dans les nouvelles de Robbe-Grillet*, Banská Bystrica, Slovakia, October 11, 2019.

- Conference **14th World Congress of Semiotics:** *Jalous narrator: enunciative strategies in Robbe-Grillet's novel La Jalousie*, Buenos Aires, Argentina, September 10, 2019.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *How to do things with proteins*, (co-coauthored with Dan Faltýnek), Moscow, Russia, July 1, 2019.

2018

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *Triadic conception of relations. Peircean proteomics*, (co-coauthored with Jaroslav Krbec), UC Berkeley, California, June 17, 2018.

2017

- Conference *The Course in General Linguistics. 1916-2016*: *Quelques remarques sur l'usage du terme arbitraire du signe,* Geneve, Switzerland, January 12, 2017.

- Conference *Word order and Information Structure*: *Speech in progression. The interface between intonation and information structure in political discourse*, (co-authored with Roberta Cicchirillo), Olomouc, Czechia.

- Conference *Word order and Information Structure*: *Linguistic Iconicity in Syntax and Information Structure,* (co-authored with Diego Gabriel Krivochen), Oslo, Norway.

- Congress *Borders & Boundaries*: *Logic of Relatives as Syntax in the Genetic Code,* Passau, Germany, September 13, 2017.

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *Text dependency between length of protein secondary structure and the protein size,* (co-authored with Dan Faltýnek and Vladimír Matlach), Lausanne, Switzerland, June 8, 2017.

2016

- *Gatherings in Biosemiotics*, **International Society for Biosemiotic Studies (ISBS):** *Arbitrariness is not enough,* (co-authored with Dan Faltýnek), Charles University, Prague, Czechia, July 5, 2016.

2015

- *Central European Conference in Linguistics for Postgraduate Students* (**CECIL'S 5**): *Grammars and semiotic descriptions of DNA*, Olomouc, Czechia, September 5, 2015.

- Conference *Lingvistického odpoledne*: *Semiotics descriptions of the DNA,* Olomouc, Czechia, May 13, 2015.

- Workshop **ForkShoP**, *FSP and its Forks*: *Iconicity and topic-focus sequentiality in French and Italian*, Brno, Czechia, May 12, 2015.

2014

- *39th Conference of the Società Italiana di Glottologia*, **Società Italiana di Glottologia**: *Iconicity and functional sentence perspective*, Siena, Italy, October 24, 2014.