CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Academic Positions

2025 – Now **Research Group Leader (PI),** Max Planck Institute for Psycholinguistics, NL
The Language Evolution and Adaptation in Diverse Situations (LEADS) group

2025 – Now **Assistant Professor (aPI)**, Donders Centre for Cognition (DCC)
Faculty of Social Sciences, Radboud University Nijmegen

2025 – Now **Associate Fellow**, Max Planck School of Cognition
A Joint Graduate Program of German Universities and Research Organizations

2022 - 2024 **Minerva Fast-Track Fellow** (Minerva Group Leader),
Max Planck Institute for Psycholinguistics, NL

2021 - 2024 **Lecturer in Social Interaction**, University of Glasgow, UK
Centre for Social, Cognitive and Affective Neuroscience (cSCAN)

2023 **Visiting Research Fellow**, Israel Institute for Advanced Studies (IIAS)
What Allows Human Language? Seeking the Genetic, Anatomical, Cognitive, and Cultural Factors Underlying Language Emergence

2021 **Research Associate,** Artificial Intelligence Lab
Department of Computer Science, Vrije Universiteit Brussels, BE

2020 **Research Associate,** Cognition and Cognitive Neuroscience Perception Lab
Department of Psychology, University of Wisconsin-Madison, USA

Academic Education

2016 - 2020 **Ph.D.** in Psychology of Language, Max Planck Institute for Psycholinguistics
(*Cum Laude* – the highest distinction in the Netherlands)

2013-2015 **M.A.** in Cognitive Science and Linguistics, Hebrew University of Jerusalem
(*Summa Cum Laude* - the highest distinction in Israel)

Grants and Awards

Oct 2024 **NWO Vidi**, Netherlands Organization for Scientific Research (NWO) **(850k euros)**

Jan 2024 **Max Planck Research Group,** Max-Planck-Gesellschaft **(~5 million euros)**

Dec 2023 **Reward for personal contribution,** University of Glasgow

Nov 2022 **Van Gogh Program,** Nuffic (Dutch organization for education internationalization) (**8,000 euros**)

Dec 2021 **Minerva Fast-Track Fellowship,** Max-Planck-Gesellschaft **(~1 million euros)**

Dec 2021 **PhD Thesis Award for outstanding contribution to scientific knowledge**, the Dutch Society for Brain and Cognition (NVP)

Jan 2021 **Otto Hahn Medal for outstanding scientific achievements by young scientists**, Max-Planck-Gesellschaft (**7,000 euros**)

Apr 2018 **Hurford Prize for Best Student Talk**, EvoLang XII conference, Poland

Jan 2016 **Best Master Thesis Award**, Department of Cognitive Science, Hebrew University

2010-2012 **Full Excellence Scholarship,** Department of Mathematics, Hebrew University

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Journal Publications (with 1470 recorded citations by 01/08/2026 according to Google Scholar)

Perlman, M., **Raviv, L.**, Pleyer, M., de Reus, K., & Lupyan, G. (in press). Iconicity safeguards honesty in human language. *Behavioral and Brain Sciences.*

Dona, L., Ozyurek, A., Holler, J., & **Raviv, L.** (2026). Investigating the role of pragmatic visual signals in language emergence using communication games and agent-based models. *Cognitive Linguistics*. doi:10.1515/cog-2026-0009

Miletitch, R., Cambier, N., Benítez-Burraco, A., & **Raviv, L.** (2026). Pros and cons of sociality across ecological niches: a swarm robotics approach. *Frontiers in Psychology*, 17: 1872416. doi:10.3389/fpsyg.2026.1872416.

Kempe, V., Blasi, D., & **Raviv, L.** (2026). Young children do not change language. *Behavioral and Brain Sciences, 49*, e236. doi:10.1017/S0140525X25101891

Arnon, I., Carmel, L., Claidière, N., Fitch, W.T., Goldin-Meadow, S., Kirby, S., Okanoya, K., **Raviv, L.**, Wolters, L., & Fisher, S.E. (2025). What enables human language? A biocultural framework. *Science*, 390(6775), eadq8303. doi:10.1126/science.adq8303

Feketova, L., & **Raviv, L.** (2026). The inescapable cage of a man and a woman: Experiences of non-binary people with gender identity (non-)affirmation in the context of a gendered language. *International Journal of Transgender Health*. *27*(5), 2461–2486. doi:10.1080/26895269.2025.2544022.

Pleyer, M., Perlman, M., Lupyan, G., de Reus, K., & **Raviv, L.** (2025). The 'design features' of language revisited. *Trends in Cognitive Sciences.* 30(7), 611-631. doi:10.1016/j.tics.2025.10.004

Raviv, L., Blasi, D., & Kempe, V. (2025). Children are not the main agents of language change. *Psychological Review.* Advance online publication. doi:10.1037/rev0000580

Kempe, V. & **Raviv, L.** (2025). No Evidence for Generational Differences in the Conventionalization of Face Emojis. *Computers in Human Behavior Reports*, 9(100750). doi:10.1016/j.chbr.2025.100750

Savage, P. E., Ampiah-Bonney, A., Arabadjiev, A., Arhine, A., Ariza, J. F., … **Raviv, L.,** … & M., Zariquiey, R. (*In Principle Accepted*). Does synchronised singing enhance social bonding more than speaking does? A global experimental Stage 1 Registered Report. *Peer Community In Registered Report*s: https://rr.peercommunityin.org/articles/rec?id=890

Galke, L. P. A., Ram, Y., & **Raviv, L.** (2024). Deep neural networks and humans both benefit from compositional language structure. *Nature Communications*, 15: 10816. doi:10.1038/s41467-024-55158-1

Josserand, M., Pellegrino, F., Grosseck, O., Dediu, D., & **Raviv, L.** (2024). Adapting to individual differences: An experimental study of language evolution in heterogeneous populations. *Cognitive Science*, 48(11), e70011. doi:10.1111/cogs.70011

Tsomokos, D. I., & **Raviv, L.** (2024). A bidirectional association between language development and prosocial behavior in childhood: Evidence from a longitudinal birth cohort in the United Kingdom. *Developmental Psychology*, 61(2), 336-350. doi:10.1037/dev0001875

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Galke, L. P. A., & **Raviv, L.** (2024). Learning and communication pressures in neural networks: Lessons from emergent communication. *Language Development Research*, 5(1), 116-143. doi:10.34842/3vr5-5r49

Zhou, H., van der Ham, S., de Boer, B., Bogaerts, L., & **Raviv, L**. (2024). Modality and Stimulus Effects on Distributional Statistical Learning: Sound vs. Sight, Time vs. Space. *Journal of Memory and Language*, 138, 104531. doi:10.1016/j.jml.2024.104531

Ozaki, Y., Tierney, A., Pfordresher, P. Q., McBride, J. M., Benetos, E., … **Raviv, L.**, … Savage, P. E. (2024). Globally, songs and instrumental melodies are slower, higher, and use more stable pitches than speech: A Registered Report. *Science Advances*, *10*(20), eadm9797. doi:10.1126/sciadv.adm9797

Raghavan, R., **Raviv, L.,** & Peeters, D. (2023). What's your point? Insights from virtual reality on the relation between intention and action in the production of pointing gestures. *Cognition*, 240, 105581. doi:10.1016/j.cognition.2023.105581

Raviv, L., Jacobson, S. L., Plotnik, J. M., Bowman, J., Lynch, V., & Benítez-Burraco, A. (2023). Elephants as a new animal model for self-domestication. *Proceedings of the National Academy of Sciences*, 120(15), e2208607120. doi:10.1073/pnas.2208607120

Raviv, L., Lupyan, G., Green, S. C. (2022). How variability shapes learning and generalization. *Trends in Cognitive Science*, 26(6), 462-483. doi:10.1016/j.tics.2022.03.007

Raviv, L., Peckre, L., & Boeckx, C (2022). What is simple is actually quite complex: a critical note on terminology in the domain of language and animal communication. *Journal of Comparative Psychology*, 136(4), 215-220. doi:10.1037/com0000328.

Raviv, L., de Heer Kloots, M., & Meyer, A. (2021). What makes a language easy to learn? A preregistered study on how systematic structure and community size affect language learnability. *Cognition*, 210, 104620. doi:10.1016/j.cognition.2021.104620

Raviv, L., Meyer, A., & Lev-Ari, S. (2020). The role of social network structure in the emergence of linguistic structure. *Cognitive Science*, 44(8), e12876. doi:10.1111/cogs.12876

Raviv, L., Meyer, A., Lev-Ari, S. (2019b). Larger communities create more systematic languages. *Proceedings of the Royal Society B: Biological Science*, 286(1907). doi:10.1098/rspb.2019.1262

Raviv, L., Meyer, A., Lev-Ari, S. (2019a). Compositional structure can emerge without generational transmission. *Cognition*, 182, 151-164. doi:10.1016/j.cognition.2018.09.010

Raviv, L., & Arnon, I. (2018a). Systematicity, but not compositionality: Examining the emergence of linguistic structure in children and adults using iterated learning. *Cognition*, 181, 160-173. doi:10.1016/j.cognition.2018.08.011

Raviv, L., & Arnon, I. (2018b). The developmental trajectory of children's auditory and visual statistical learning abilities: Modality-based differences in the effect of age. *Developmental Science*. 21(4): e12593. doi:10.1111/desc.12593

Havron, N., **Raviv, L.**, & Arnon, I. (2018). Literate and preliterate children show different learning patterns in an artificial language learning task. *Journal of Cultural Cognitive Science*, 2, 21-33. doi:10.1007/s41809-018-0015-9

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Books and book chapters

Pleyer, M., & **Raviv, L.** (2026). Language evolution and social networks. *International Encyclopedia of Language and Linguistics* (3rd ed., vol. 3, pp. 493-498). Amsterdam: Elsevier. doi:10.1016/B978-0-323-95504-1.01001-2.

Müller, T. F. & **Raviv, L.** (2025). Communication Experiments: Social Interaction in the Formation of Novel Communication Systems. *Oxford Handbook of Approaches to Language Evolution* (pp. 41-62). Oxford University Press. doi:10.1093/oxfordhb/9780192886491.013.4

Raviv, L., & Kirby, S. (2023). Self-Domestication and the cultural evolution of language. *Oxford Handbook of Cultural Evolution* (pp. C60S1–C60S8). doi:10.1093/oxfordhb/9780198869252.013.60

Raviv, L., (2020). Language and society: how social pressures shape grammatical structure. *Doctoral Dissertation*, Max Planck Institute for Psycholinguistics. ISBN: 789492910127.

Manuscripts under review

Miletitch, R., & **Raviv, L.** *Social and linguistic asymmetries in robot swarms: when and why does in-group bias spontaneously emerge?* [under review in **Science Advances**]

Lammertink, I., Bazioni, M., de Heer Kloots, M., & **Raviv, L.** *Learnability Effects in Children: Are More Structured Languages Easier to Learn?* [under review in **Cognitive Science**] **Preregistration**: https://osf.io/w89ju

Dona, L., Ozyurek, A., Holler, J., & **Raviv, L.** *Facial pragmatic signals in emerging communication systems* [under review in **Cognition**]

Naegeli, D., van Casteren, R., Bosker, H. R., Grosseck, O., Motiekaityte, K., Peeters, D., Perlman, M., Ortega, G., & **Raviv, L.** *Compositionality in emerging vocal communication can be linear, simultaneous, and iconic* [under review in **Cognitive Science**]

Manuscripts in preparation

de Reus, K., Benítez-Burraco, A., Hersh, T.A., Groot, N., Lambert, M.L., Slocombe, K.E., Vernes, S., & **Raviv, L.** *Behavioral markers of domestication in vocal learning mammals*

Dona, L., Holler, J., Ozyurek, A. & **Raviv, L**. *The relationship between motivatedness and facial visibility in emergening languages.* **Preregistration:** https://osf.io/3zbwt

Naegeli, D., Grosseck, O., van Casteren, R., Motiekaityte, K., Wolf, L., Peeters, D., Bosker, H. R., Perlman, M., Ortega, G., & **Raviv, L.** *The evolution of gestural and vocal languages in VR.*

Cheung, L., Kirby, S., & **Raviv, L.** *The role of gender, personality traits, and social biases in shaping linguistic accommodation: An experimental approach.* **Preregistration**: https://osf.io/uxqgt

Grosseck, O., Perlman, M., Ortega, G., & **Raviv, L.** *Affordances and evolutionary trajectories of iconicity in gestures and vocalizations.* **Preregistration**: https://osf.io/gh6xp

Thompson, B., **Raviv, L.**, Hawkins, R., & Kirby, S. *Remembering who said what: Introducing partner-specific memory to models with hierarchical Bayesian agents explains group size differences in emerging sign languages.*

Ergin, R., Hall, M., Kirby, S., & **Raviv, L.** *The Emergence and Evolution of Word Order Patterns in the Manual Modality.* **Preregistration**: https://osf.io/n6ytp

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Selected Media Coverage

New York Times	Forbes	The Economist	Popular Science
New Scientist	Science Magazine	Smithsonian Magazine	Nu.nl
The Times	Arte.TV	Scientific American	Bionieuws
Die Welt	Science X	Phys.org	Earth.com
National Geographic	Talk the Talk Podcast	Live Science	GMX News
NOS	Cosmos Magazine	The Medical News	VRT.be
N-TV	WEB.de	La Nación	Verve times
NPO Radio 1	Yahoo! Lifestyle	ScienceDaily	Popular
Zurichsee Zeitung	Mechanics	Newswise	TechiAI
OverSixty	Mirage News	The Dissenter Show	Science Daily
News Azi	Scienmag Science Magazine	Archaeology News Network	Geographical

Teaching

2026	**Studying language Evolution in the Lab**, Summer School of Linguistics (SSoL), Charles University
2023-2026	**Intro to Preregistration and Open Science Practices,** Max Planck Research School for Language Sciences
2022-2024	**Introduction to Psycholinguistics**, Ghent University
2022-2024	**Current Issues in Psychology**, University of Glasgow
2021-2024	**Statistical & Scientific Models**, University of Glasgow
2019-2024	**Data Analysis and Visualization in R,** Max Planck Research School for Language Sciences
2021-2022	**Language Emergence and Evolution,** Boğaziçi University
2018-2022	**Mixed Effects Models in R,** Max Planck Research School for Language Sciences
2021-2022	**Intro to Data Analysis and Visualization**, Hebrew University of Jerusalem
2019-2021	**Psychology of Language and Cultural Cognition**, Radboud University
2017	**A Short Tutorial on Agent Based Modeling in Python**, online tutorial on GitHub
2013-2015	**Introduction to Linguistics,** The Hebrew University of Jerusalem

Supervision

Postdocs

2026 – Now Agni Paul, Radboud University
Unpacking language evolution using Virtual Reality

2025 – Now Roman Miletitch, MPI for Psycholinguistics
Swarm Robotics as a testbed for studying language evolution

2025 – Now Danielle Naegeli, MPI for Psycholinguistics
The evolution of vocal and gestural languages in Virtual Reality

2022 - 2024 Lukas Galke, Max Planck Institute for Psycholinguistics
Language emergence with deep learning neural networks

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

PhD students

2027 – Now Shiru Xiong, MPI for Psycholinguistics (main supervisor)
Language change and contact using ccommunication games

2026 – Now Xiao Li, Radboud University (main supervisor)
Unpacking language evolution using Swarm Robotics

2023 - Now Lois Dona, MPI for Psycholinguistics (main supervisor)
Modeling language evolution from a multimodal perspective

2022 - 2025 Lewis (Ching Yat) Cheung, MPI for Psycholinguistics (main supervisor)
How age and gender diversity shape language innovation and change

Graduated Mathilde Josserand, Université Lyon (co-supervisor)
Impact of inter-individual and inter-group variations on language evolution

Graduated Danielle Naegeli, Tilburg University (co-supervisor)
Silently shaping space

Research Assistants (paid)

2025 – Now Oxana Grosseck
2023 – Now Remi van Casteren

MA Research Students

2026 Ece Nur Üyük, Boğaziçi University
Annotating gestural communication under noisy conditions

2026 Maithe van Noort, University of Amsterdam
Partner-specific memory explains group size differences in emerging sign languages: an agent-based model

2025 Tamar Matas, Hebrew University of Jerusalem
Testing the impact of contextual diversity on auditory word learning

2025 Divyanshu Pathak, University of Allahabad, Talent+ Program
Variability effects in novel word learning

2023 – 2024 Oxana Grosseck, Radboud University
Iconicity in newly emerging vocal and gestural languages

2023 - 2024 Anh Dang Thi Thao, Radboud University
Psycholinguistic Analyses of Large Language Models

2022 - 2024 Dimitrios Tsomokos, University of Glasgow
Bidirectional relationship between language development and prosocial behaviour in childhood: Evidence from a UK longitudinal birth cohort

2023 Dalmo Buzato, Federal University of Minas Gerais
Tracing the emergence of grammar in communication games

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

2022 – 2023 Kotryna Motiekaityte, Tilburg University and Radboud University
The emergence of vocal languages in Virtual Reality

2022 - 2023 Loisa Wolf, Tilburg University and Radboud University
The emergence of gestural languages in Virtual Reality

2022 Sam Woodward, University of Glasgow
Do Crovids adapt their vocalizations to different social contexts?

2022 Lucia Feketova, University of Glasgow
How gendered languages shape gender identity and attitudes towards the LGBTQ+ community

2022 Lingyo Du & Wanrui Xue, University of Glasgow
Gender effects in syntactic priming

2022 Deborah Saini, University of Glasgow
Social network effects on second language learning

2022 Mary Bazioni, Radboud University
Learning biases in children and adults

2019-2020 Marianne de Heer Kloots, University of Amsterdam
How linguistic structure and group size affect language learnability

2019-2020 Li Lei, Radboud University
Computational simulation of language change in online social networks

Peer-Reviewed Conference Proceedings Papers

Miletitch, R., **Raviv, L.** (2026). Emergent In-group Bias: Sociality and Individuation in Robotic Swarms. In: Groß, R., et al. *Swarm Intelligence. Proceedings of ANTS 2026. Lecture Notes in Computer Science,* vol 16515 (pp. 135-148). Springer Nature Switzerland, Cham.

Miletitch, R., & **Raviv, L.** (2026). Swarm robotics: Embodiment and spatial constraints in emergent communication models. In B. De Boer (Ed.), *Proceedings AI in Evolang* (pp. 32-36).

Naegeli, D., Grosseck, O., Motiekatyté, K., van Casteren, R., Bosker, H. R., Ortega, G., Perlman, M., Peeters, D., & Raviv, L. (2026). How do environmental pressures shape emerging vocal communication systems? In S. Hartmann, M. Sibierska, M. Fröhlich, M. Josserand, Y. Jadoul, K. Mudd, T. Matzinger, J. Nölle, M. Pleyer, S. Wacewicz, & P. Żywiczyński (Eds.), *The Evolution of Language: Proceedings of the 16th International Conference (EVOLANG XVI)* (pp. 319-322). Nijmegen: The Evolution of Language Conferences.

Dona, L., Özyürek, A., Holler, J., & Raviv, L. (2026). Facial visibility and the emergence of communication systems: Insights from behavioral measures and facial signals. In S. Hartmann, M. Sibierska, M. Fröhlich, M. Josserand, Y. Jadoul, K. Mudd, T. Matzinger, J. Nölle, M. Pleyer, S. Wacewicz, & P. Żywiczyński (Eds.), *The Evolution of Language: Proceedings of the 16th International Conference (EVOLANG XVI)* (pp. 95-98). Nijmegen: The Evolution of Language Conferences.

Pleyer, M., Perlman, M., Lupyan, G., de Reus, K., & Raviv, L. (2026). Beyond Hockett's 'design features of language'. In S. Hartmann, M. Sibierska, M. Fröhlich, M. Josserand, Y. Jadoul, K. Mudd,

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

T. Matzinger, J. Nölle, M. Pleyer, S. Wacewicz, & P. Żywiczyński (Eds.), *The Evolution of Language: Proceedings of the 16th International Conference (EVOLANG XVI)* (pp. 359-362). Nijmegen: The Evolution of Language Conferences.

Miletitch, R., Cambier, N., Benítez-Burraco, A., & **Raviv, L.** (2026). Prosociality under pressure: How ecology shapes communication and cooperation in robot swarms. In S. Hartmann, M. Sibierska, M. Fröhlich, M. Josserand, Y. Jadoul, K. Mudd, T. Matzinger, J. Nölle, M. Pleyer, S. Wacewicz, & P. Żywiczyński (Eds.), *The Evolution of Language: Proceedings of the 16th International Conference (EVOLANG XVI)* (pp. 316-318). Nijmegen: The Evolution of Language Conferences.

Dang, T. A., **Raviv, L.**, & Galke, L. (2025). Tokenization and Morphology in Multilingual Language Models: A Comparative Analysis of mT5 and ByT5. In *Proceedings of the 8th International Conference on Natural Language and Speech Processing (ICNLSP-2025)* (pp. 242–257). Southern Denmark University, Odense, Denmark. Association for Computational Linguistics (ACL).

Dang, A., **Raviv, L.,** & Galke, L. (2024). Morphology Matters: Probing the Cross-linguistic Morphological Generalization Abilities of Large Language Models through a Wug Test. In *Proceedings of the Workshop on Cognitive Modeling and Computational Linguistics (CMCL)* (pp. 177–188). Bangkok, Thailand: Association for Computational Linguistics.

de Reus, K., Benítez-Burraco, A., Hersh, T., Groot, N. E., Slocombe, K., Lambert, M., Vernes, S. & **Raviv, L.** (2024). Self-domestication traits in vocal learning mammals. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 80-82). Nijmegen: The Evolution of Language Conferences.

Cheung, C.Y., Kirby, S., & **Raviv, L.** (2024). The role of gender, social bias and personality traits in shaping linguistic accommodation: An experimental approach. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 80-82). Nijmegen: The Evolution of Language Conferences.

Galke, L., Ram, Y., & **Raviv, L.** (2024). Learning pressures and inductive biases in emergent communication: Parallels between humans and deep neural networks. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 197-201). Nijmegen: The Evolution of Language Conferences.

Grosseck, O., Perlman, M., Ortega, G., & **Raviv, L.** (2024). The iconic affordances of gesture and vocalization in emerging languages in the lab. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 223-225). Nijmegen: The Evolution of Language Conferences.

Josserand, M., Pellegrino, F., Grosseck, O., Dediu, D., & **Raviv, L**. (2024). Adapting to individual differences: An experimental study of variation in language evolution. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 286-289). Nijmegen: The Evolution of Language Conferences.

Lammertink, I., De Heer Kloots, M., Bazioni, M., & **Raviv, L.** (2024). Learnability effects in children: Are more structured languages easier to learn? In J. Nölle, L. Raviv, K. E. Graham, S.

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 320-323). Nijmegen: The Evolution of Language Conferences.

Lupyan, G., & **Raviv, L.** (2024). A cautionary note on sociodemographic predictors of linguistic complexity: Different measures and different analyses lead to different conclusions. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 345-348). Nijmegen: The Evolution of Language Conferences.

Motiekaitytė, K., Grosseck, O., Wolf, L., Bosker, H. R., Peeters, D., Perlman, M., Ortega, G., & **Raviv, L.** (2024). Iconicity and compositionality in emerging vocal communication systems: a Virtual Reality approach. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, T. Matzinger, K. Mudd, M. Pleyer, A. Slonimska, & S. Wacewicz (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 387-389).
Nijmegen: The Evolution of Language Conferences.

Dang, A., **Raviv, L.,** & Galke, L. (2024). Testing the linguistic niche hypothesis in large with a multilingual Wug test. In J. Nölle, L. Raviv, K. E. Graham, S. Hartmann, Y. Jadoul, M. Josserand, et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)* (pp. 91-93). Nijmegen: The Evolution of Language Conferences.

Galke, L., Ram, Y., & **Raviv, L.** (2022). Emergent Communication for Understanding Human Language Evolution: What's Missing? Emergent Communication Workshop, Tenth International Conference on Learning Representations (ICLR 2022).

Cambier, N., Miletitch, R., Benítez-Burraco, A. & **Raviv, L**. (2022). Prosociality in swarm robotics: A model to study self-domestication and language evolution. In A. Ravignani, R. Asano, D. Valente, F. Ferretti, S. Hartmann, M. Hayashi, et al. (Eds.), *The evolution of language: Proceedings of the Joint Conference on Language Evolution (JCoLE)* (pp. 98-100). Nijmegen: Joint Conference on Language Evolution (JCoLE).

Raviv, L., Jacobson, S. L., Plotnik, J. M., Bowman, J., Lynch, V., & Benítez-Burraco, A. (2022). Elephants as a new animal model for studying the evolution of language as a result of self-domestication. In A. Ravignani, R. Asano, D. Valente, F. Ferretti, S. Hartmann, M. Hayashi, et al. (Eds.), *The evolution of language: Proceedings of the Joint Conference on Language Evolution (JCoLE)* (pp. 606-608). Nijmegen: Joint Conference on Language Evolution (JCoLE).

Cambier N., Miletitch, R., Benítez-Burraco, A. & **Raviv, L.** (2021). First Steps Toward a Swarm Robotics Model of Self-Domestication and Language Evolution. In T*he 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP 2021).* doi:10.48448/30dy-ez50.

Raviv, L., Meyer, A. & Lev-Ari, S. (2020). Network Structure and the Cultural Evolution of Linguistic Structure: A Group Communication Experiment. In *Ravignani, A., Barbieri, C., Martins, M., Flaherty, M., Jadoul, Y., Lattenkamp, E., Little, H., Mudd, K. & Verhoef, T. (Eds.): The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13).*

Thompson, B., **Raviv, L.** & Kirby, S. (2020). Complexity Can Be Maintained in Small Populations: A Model of Lexical Variability in Emerging Sign Languages. In *Ravignani, A., Barbieri, C., Martins, M., Flaherty, M., Jadoul, Y., Lattenkamp, E., Little, H., Mudd, K. & Verhoef, T. (Eds.): The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13).*

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Lei, L., **Raviv, L.** & Alday, P. (2020). Using Spatial Visualizations and Real-World Social Networks to Understand Language Evolution and Change. In *Ravignani, A., Barbieri, C., Martins, M., Flaherty, M., Jadoul, Y., Lattenkamp, E., Little, H., Mudd, K. & Verhoef, T. (Eds.): The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*.

Ergin, R., **Raviv, L.**, Senghas, A., Padden, C. & Sandler, W. (2020). Community Structure Affects Convergence on Uniform Word Orders: Evidence From Emerging Sign Languages. In *Ravignani, A., Barbieri, C., Martins, M., Flaherty, M., Jadoul, Y., Lattenkamp, E., Little, H., Mudd, K. & Verhoef, T. (Eds.): The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*.

Raviv, L., Meyer, A., & Lev-Ari, S. (2018). The role of community size in the emergence of linguistic structure. In *Cuskley, C., Flaherty, M., Little, H., McCrohon, L., Ravignani, A. & Verhoef, T. (Eds.): The Evolution of Language: Proceedings of the 12th International Conference (EVOLANGXII)*.

Raviv, L., & Arnon, I. (2016). Language evolution in the lab: The case of child learners. In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society (CogSci 2016). Austin, TX: Cognitive Science Society*.

Raviv, L., & Arnon, I. (2016). The developmental trajectory of children's statistical learning abilities. In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society (CogSci 2016). Austin, TX: Cognitive Science Society*.

Organized Workshops and Symposia

May 2026 Hands-on Workshop: **Swarm Robotics as a test bed for the study of language emergence.** The Evolution of Language: Proceedings of the 16th International Conference (EVOLANG XV), Plovdiv, Bulgaria.

May 2024 Special Workshop: **What allows human language? a multidisciplinary perspective.** The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV), Madison, USA.

Sept 2022 Themed Session: **Self-domestication and prosociality in the service of cultural evolution.** The Cultural Evolution Society Meeting (CES), Arhus, Denmark.

Aug 2022 Special Workshop: **Machine Learning and the Evolution of Language (ml4evolang)**. Joint Conference on Language Evolution (JCoLE), Kanazawa, Japan.

Editorial Services

2023 – 2025 **Oxford Handbook of Approaches to Language Evolution** (2025). **Raviv, L.** & Boeckx. C. (Eds). Oxford University Press. ISBN: 9780192886491

2024 **The Evolution of Language: Proceedings of the 15th International Conference (EVOLANG XV)**. Nölle, J., **Raviv, L.,** Graham, K. E., Hartmann, S., Jadoul, Y., Josserand, M., et al. (Eds.). Nijmegen: The Evolution of Language Conferences. doi:10.17617/2.3587960.

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Professional Services

I am actively engaged in societal impact initiatives aimed at increasing inclusivity, gender equality, and LGBTQ+ visibility in the digital programming community and in academia in general. I promote and use open-science practices (e.g., open data, preregistrations) and science communication practices in order to ensure a responsible and transparent scientific process.

2018-2020 **R-Ladies Nijmegen (Co-Founder, Organizer, and Public Relations Officer)**
R-Ladies is a local group for promoting gender diversity and equality in the programming community by conducting women-oriented events, tutorials, and hands-on workshops on programming in R.

2016-2019 **PhD Representative, Max Planck Institute for Psycholinguistics**
Representing 100+ MPI PhDs on internal matters (e.g., working conditions, issues with supervision, mental health problems, PhD life, etc.) and at the international Max Planck Society meetings, organizing social events.

2017 **Kletskoppen Child Language Festival (Activity Coordinator and Developer)**
A science festival for children and families organized by language researchers from Nijmegen, featuring interactive demos, live experiments, and informative lectures for parents.

2013-2015 **The Living Lab for Language Learning and Processing (Co-Founder & Manager)**
A public-oriented research laboratory for families inside in the Bloomfield Science Museum, sponsored by the Global Living Lab organization and Hebrew university of Jerusalem, Israel.

Funding Agencies Reviewer

- European Research Council (ERC)
- Japan Society for the Promotion of Science (JSPS)
- National Science Centre of Poland
- Vienna Science and Technology Fund (WWTF)
- Fonds Wetenschappelijk Onderzoek (FWO)
- Hungary's National Research Development and Innovation (NRDI)
- Wallenberg Foundations (MAW)
- Israel Science Foundation (ISF)
- Mandel Fellowship Program
- Leverhulme Trust
- The Branco Weiss Fellowship – Society in Science (ETH Zurich)

Journal Reviewer

- Science Advances
- Nature Human Behavior
- Nature Communications
- Proceedings of the National Academy of Sciences of the United States of America (PNAS)
- Philosophical Transactions B
- Cognitive Science
- Cognition
- Journal of Memory and Language (JML)
- Journal of Experimental Psychology (JEP): Learning, Memory and Cognition
- Frontiers in Artificial Intelligence
- Language Development Research
- Journal of Language Evolution

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

- Journal of Child Language
- Journal of Visualized Experiments (JoVe)
- Psychonomic Bulletin & Review
- Quarterly Journal of Experimental Psychology (QJEP)
- Open Mind
- Scientific Reports
- Language and Communication

Conference Reviewer

Annual Meetings of the Cognitive Science Society (CogSci); Joint Conference on Language Evolution (JCoLE); International Conferences on the Evolution of Language (EVOLANG); Annual Conference on Human Sentence Processing (CUNY); Protolang Conference Series; Architectures and Mechanisms for Language Processing (AMLaP); Interdisciplinary Advances in Statistical Learning Conference; Cognitive and Cultural Influences on Language Emergence Workshop; Learning in Humans and Machines (L2HM);

Keynote Talks

June 2026 **Keynote.** The syntax of interactions workshop: A comparative approach to exploring syntactic structures in multimodal, multiturn interactions, University of Zurich, Switzerland

June 2026 **Keynote.** ENNOIA Symposion on "Prediction, Purpose, and the Becoming of the Human Person", Kata Agorein Stiftung, Berlin, Germany

Feb 2024 **Keynote.** Culture Conference, University of Zurich, Switzerland

Sept 2023 **Keynote.** The Effects of Contextual Diversity on Word Learning and Processing: A Collaborative Workshop funded by the Experimental Psychology Society (EPS), University College London (UCL), UK

Mar 2023 **Keynote.** The Evolutionary Lens: Addressing Big Questions by (Re)thinking Evolution, The 34th Annual International Workshop on the History and Philosophy of Science, Tel Aviv, Israel

Sep 2022 **Keynote.** Joint Conference on Language Evolution (JCoLE), Kanazawa, Japan

Aug 2021 **Keynote.** The Reconstruction of Human History through an Interdisciplinary Approach Workshop, University of Zurich, Switzerland

Invited Talks

Nov 2026 Digital Humantities & Brain and Cognition Associations, Shiraz University, Iran

May 2026 Language, Communication and Interaction seminar (LCI), Osnabrück University, Germany

Feb 2026 LinG/RTG Colloquium, University of Göttingen, Germany

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

Nov 2025 Perception, Cognition, and Cognitive Neuroscience (PCCN) talk series, University of Madison-Wisconsin, USA

Nov 2024 Bio-cultural evolution of language workshop, Centre for Language Evolution (CLE), University of Edinburgh, UK

May 2024 Creative Intelligence Lab (CIL), Leiden University, the Netherlands

Feb 2024 Evolutionary Pragmatics (EvoPrag) Forum, Warwick Mind and Action Research Centre (WMA), University of Warwick, UK

Jan 2024 Discourse in Philosophy (DIP) Colloquium, Institute for Logic, Language and Computation (ILLC), University of Amsterdam, the Netherlands

Dec 2023 Laboratoire Dynamique Du Langage (DDL) Seminar, Lyon University, France

Nov 2023 Evolution seminar, University of Bielefeld, Germany

June 2023 Interdisciplinary Fellows Forum, Israel Institute of Advanced Studies (IIAS), Jerusalem, Israel

Mar 2023 NLP talks series, IBM research center, Tel Aviv, Israel

Nov 2022 Cognitive Lexicon Laboratory & Language, Cognition, and Computation lab, Department of Computer Science & Department of Linguistics, University of Toronto, Canada

Mar 2022 Cognitive Development Center (CDC) seminar series, the Department of Cognitive Science, Central European University (CEU)

Mar 2022 Amsterdam Center for Language and Communication (ACLC) Seminar, University of Amsterdam, the Netherlands

Mar 2022 Department of Linguistics Seminar, Hebrew University, Jerusalem, Israel

Mar 2022 Cognitive Science seminar series, Yeditepe and Boğaziçi Universities, Turkey

Mar 2022 Linguistics Colloquium, Department of English Literature and Linguistics, Bar Ilan University, Israel

Dec 2021 Language as an Interactive Game group, Google DeepMind

Nov 2021 ESLR Seminar Series, The Association of Early-career Social Learning Researchers

Nov 2021 The Cultural Evolution of Communication Workshop, Centre for Research in Brain, Language and Music (CRBLM), Department of Biology, McGill University, Canada

July 2021 Abralin ao Vivo Linguistics Online Series, Brazilian Linguistics Association, Abralin, Brazil

June 2021 SOAS Linguistics Seminar, School of Languages, Cultures and Linguistics, SOAS University of London, UK

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

June 2021 Computational Communication & Development (CoCoDev) Seminar, Institute of Language, Communication, and the Brain, Department of Computer Science, Aix-Marseille University, France

Apr 2021 The Language and Brain Plasticity Lab, Department of Psychology, University of Haifa, Israel

Jan 2021 Ram Lab for Mathematical Ecology & Evolution, School of Zoology, Safra Center for Bioinformatics, Tel Aviv University, Israel

Jan 2021 Language Complexity Seminar, Department of Linguistics, Hebrew University, Jerusalem, Israel

Nov 2020 Social and Cultural Evolution Workshop Group (SCEW), Penn University of Pennsylvania, USA

Oct 2020 Computation and Language Lab, University of California, Berkeley, USA

Oct 2020 Complexity Science Hub, Vienna, Austria

Aug 2020 Centre for Social, Cognitive and Affective Neuroscience (cSCAN), Institute of Neuroscience & Psychology, University of Glasgow, UK

July 2020 Department of Communication and Cognition, Tilburg University, the Netherlands

June 2020 Language & Cognition Lab, Division of Psychology and Language Sciences, University College London (UCL), UK

June 2020 Cognitive Biology of Language Group, University of Barcelona, Spain

May 2020 LAL Seminar, School of Languages and Linguistics, University of Melbourne

Mar 2020 Computational Auditory Perception Group, Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany

Feb 2020 Data and Art series, California Institute of the Arts (CalArts), Los Angeles, USA

June 2019 Language, Memory, and Attention group, Cognitive Department Colloquium Series, Royal Holloway, University of London, UK

Apr 2019 Cognitive Science Department Colloquium Series, Haifa University, Israel

Apr 2019 Psychology Department, Hebrew University, Jerusalem, Israel

Dec 2018 Cohn Institute for the History and Philosophy of Science, Tel Aviv University, Israel

Dec 2018 Department of Linguistics, Tel Aviv University, Israel

Oct 2018 Linguistics Department Colloquium Series. University of Arizona, Tucson, USA

Oct 2018 Donders Discussion Series, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, the Netherlands

Aug 2018 Center for Language Evolution (CLE), the University of Edinburgh, UK

CV – Limor Raviv

Website: https://www.limorravivevolang.com
Email: limor.raviv@mail.huji.ac.il

May 2018 Diversity in Language, Culture and Cognition Colloquium Series. Centre for Language Studies, Radboud University, Nijmegen, the Netherlands

Dec 2017 Multimodal Language and Cognition lab, Radboud University, Nijmegen, the Netherlands

Jan 2016 Linguistics Colloquia series, The Language, Logic and Cognition Center (LLCC), The Hebrew University, Jerusalem, Israel