

Giosuè Baggio

Norwegian University of Science and Technology
Department of Language and Literature
Faculty of Humanities
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Current position

Professor of Psycholinguistics, Norwegian University of Science and Technology
Principal Investigator, Language Acquisition and Language Processing Lab
Senior Manager, Language Acquisition and Language Processing Lab

Areas of competence

Neurolinguistics, Psycholinguistics, Theoretical Linguistics, Philosophy of Language

Education

2009	PhD in Cognitive Neuroscience, Donders Institute for Brain, Cognition and Behaviour, Nijmegen
2004	MSc in Logic (with honors), Institute for Logic, Language and Computation, Amsterdam
2002	MA in Philosophy (cum laude), University of Pavia

Employment

2016-	Professor, Norwegian University of Science and Technology, Trondheim
2014-2016	Associate Professor, Norwegian University of Science and Technology, Trondheim
2014-2015	External Faculty, International School for Advanced Studies, Trieste
2011-2014	Assistant Professor, International School for Advanced Studies, Trieste
2009-2011	Postdoctoral Researcher, International School for Advanced Studies, Trieste
2009	Postdoctoral Researcher, Max Planck Institute for Psycholinguistics, Nijmegen
2004-2009	Doctoral Researcher, Donders Institute for Brain, Cognition and Behaviour, Nijmegen
2004-2009	EEG Lab Manager, Donders Institute for Brain, Cognition and Behaviour, Nijmegen
2003-2004	Research Assistant, Institute for Logic, Language and Computation, Amsterdam

Visits

2012	Neurobiology of Language Department, Max Planck Institute for Psycholinguistics, Nijmegen
2010	Neurobiology of Language Department, Max Planck Institute for Psycholinguistics, Nijmegen
2010-2011	Neurology and Neurosurgery Unit, Department of Neuroscience, Udine University Hospital
2000-2001	Faculty of Philosophy, Linguistics and Education Sciences, University of Strasbourg

Teaching

BACHELOR AND MASTER PROGRAMS

2016-	<i>Language and Cognition</i> , Norwegian University of Science and Technology Master-level course (SPRÅK3300; 7.5 credits; coordinator, instructor, examiner)
2019-	<i>Introduction to Neuroscience</i> , Norwegian University of Science and Technology Bachelor-level course (NEVR2010; 15 credits; instructor)
2017-2020	<i>Theories in Linguistics</i> , Norwegian University of Science and Technology Master-level course (SPRÅK3002; 7.5 credits; coordinator, instructor, examiner)
2018-2020	<i>Semantics and Pragmatics</i> , Norwegian University of Science and Technology Master-level course (SPRÅK3200; 7.5 credits; coordinator, instructor, examiner)
2016-2019	<i>English Linguistics</i> , Norwegian University of Science and Technology Bachelor-level course (ENG1101; 7.5 credits; instructor, examiner)
2017-2018	<i>Research Methods in Linguistics</i> , Norwegian University of Science and Technology Master-level course (SPRÅK3001; 7.5 credits; coordinator, instructor, examiner)
2014-2017	<i>Theories and Methods in Linguistics</i> , Norwegian University of Science and Technology Master-level course (SPRÅK3000; 15 credits; coordinator, instructor, examiner)
2015-2016	<i>Neural Networks</i> , Norwegian University of Science and Technology Master-level course (NEVR3004; 7.5 credits; instructor)
2014-2016	<i>Cognitive and Theoretical Aspects of Language</i> , Norwegian University of Science and Technology Master-level course (ENG3122; 15 credits; coordinator, instructor, examiner)
2014-2015	<i>First and Second Language Acquisition</i> , Norwegian University of Science and Technology Bachelor-level course (ENG2153; 7.5 credits; instructor, examiner)

DOCTORAL PROGRAMS AND SCHOOLS

2018	<i>Neurobiology of Language</i> , Vrije Universiteit Amsterdam The Netherlands Graduate School of Linguistics Winter School (5 sessions)
2015-2017	<i>Introduction to Probability and Statistics</i> , Norwegian University of Science and Technology Master- and PhD-level seminar (3 sessions)
2013	<i>Human Electrophysiology</i> , International School for Advanced Studies Master- and PhD-level seminar (3 sessions)
2012	<i>Analyzing EEG Signals</i> , University of Groningen Master- and PhD-level seminar (2 sessions)
2012	<i>Introduction to Probability and Statistics</i> , International School for Advanced Studies Master- and PhD-level seminar (3 sessions)
2010-2014	<i>Brain and Language</i> , International School for Advanced Studies Master- and PhD-level course (5 sessions)
2010	<i>Cognitive Neuroscience of Language</i> , University of Zagreb Master- and PhD-level course (3 sessions)
2008	<i>Logic, Language and the Brain</i> , University of Hamburg 20th European Summer School in Logic, Language and Information (1 session)

Supervision

2018-	2 Postdocs, Norwegian University of Science and Technology
2016-	5 PhD students, Norwegian University of Science and Technology
2014-	16 Master students, Norwegian University of Science and Technology
2011-2016	3 PhD students, International School for Advanced Studies
2010-2014	4 Master students, International School for Advanced Studies

Funding

2020-2024	FRIPRO International Mobility Grant (301229), The Research Council of Norway <i>Semantic Pre-activation in a Potts Latching Network: Modelling the N400</i> Project Supervisor; Project Manager, Joe Collins (3.5 million NOK; ~350,000 €)
2018	AVIT Scientific Equipment Grant, Norwegian University of Science and Technology Co-applicant and Project Manager (3 million NOK; ~300,000 €)
2017	Faculty of Humanities Strategic Grant, Norwegian University of Science and Technology Co-applicant and Project Manager (310,000 NOK; ~31,000 €)
2017-2021	Outstanding Academic Fellows Programme, Norwegian University of Science and Technology Academic development grant (800,000 NOK; ~80,000 €)
2016-2021	FRIPRO Young Research Talent Grant (251219), The Research Council of Norway <i>Origins of Semantic Composition in Early Cognitive Development</i> Principal Applicant and Project Manager (6.4 million NOK; ~640,000 €)
2014	AVIT Scientific Equipment Grant, Norwegian University of Science and Technology Co-applicant and Project Manager (1.1 million NOK; ~110,000 €)
2012	Visiting Researcher Grant, Max Planck Institute for Psycholinguistics (2,300 €)
2010	Visiting Researcher Grant, Max Planck Institute for Psycholinguistics (2,300 €)
2004	International Mobility Grant, Regione Autonoma Friuli-Venezia Giulia (6,000 €)

Publications

MONOGRAPHS, EDITED VOLUMES AND SPECIAL ISSUES

- 4 **Baggio, G.**, *Neurolinguistics*. MIT Press, 2022.
ISBN 9780262543262
- 3 Martin, A. E., & **Baggio, G.** (eds.), Towards mechanistic models of meaning composition. *Philosophical Transactions of the Royal Society B* 375(1791), 2020.
ISBN 9781782524366
- 2 **Baggio, G.**, *Meaning in the Brain*. MIT Press, 2018.
ISBN 9780262038126
- 1 Vulchanova, M., **Baggio, G.**, Cangelosi, A., & Smith, L. (eds.), *Language Development in the Digital Age*. Frontiers Media, 2017.
ISBN 9782889453139

CHAPTERS IN EDITED VOLUMES

- 8 **Baggio, G.**, Epistemic transfer between linguistics and neuroscience: Problems and prospects. In Nefdt, R. M., Klippi, C., & Karstens, B. (eds.), *The Philosophy and Science of Language: Interdisciplinary Perspectives*. Palgrave Macmillan, 2020: 275-308.
ISBN 9783030554378; DOI 10.1007/978-3-030-55438-5-11
- 7 Vulchanova, M., Saldaña, D., & **Baggio, G.**, Word structure and word processing in developmental disorders. In Pirrelli, V., Plag, I., & Dressler, W. U. (eds.), *Word Knowledge and Word Usage: A Cross-Disciplinary Guide to the Mental Lexicon*. De Gruyter Mouton, 2020: 680-708.
ISBN 9783110517484; DOI 10.1515/9783110440577-017
- 6 **Baggio, G.**, Stenning, K., & van Lambalgen, M., Semantics and cognition. In Aloni, M., & Dekker, P. (eds.), *The Cambridge Handbook of Formal Semantics*. Cambridge University Press, 2016: 756-774.
ISBN 9781107028395
- 5 **Baggio, G.**, van Lambalgen, M., & Hagoort, P., Language, linguistics and cognition. In Kempson, R., Fernando, T., & Asher, N. (eds.), *Philosophy of Linguistics*. Elsevier, 2012: 325-355. In Gabbay, D. M., Thagard, P., & Woods, J. H. (eds.), *Handbook of the Philosophy of Science*. Elsevier, 2006-2012.
ISBN 9780444517470

4 **Baggio, G.**, van Lambalgen, M., & Hagoort, P., The processing consequences of compositionality. In Werning, M., Hinzen, W., & Machery, E. (eds.), *The Oxford Handbook of Compositionality*. Oxford University Press, 2012: 655-672.

ISBN [9780199541072](#)

3 Hagoort, P., **Baggio, G.**, & Willems, R. M., Semantic unification. In Gazzaniga, M. S. (ed.), *The Cognitive Neurosciences* (4th edition). MIT Press, 2009: 819-835.

ISBN [9780262013413](#)

2 **Baggio, G.**, Processing temporal constraints: An ERP Study. In Indefrey, P., & Gullberg, M. (eds.), *Time to Speak: Cognitive and Neural Prerequisites for Time in Language*. Wiley, 2008: 35-55. Reissue of DOI [10.1111/j.1467-9922.2008.00460.x](#).

ISBN [9781405185813](#)

1 **Baggio, G.**, Seguire una regola. In Borutti, S., & Perissinotto, L. (eds.), *Il terreno del linguaggio. Testimonianze e saggi sulla filosofia di Wittgenstein*. Carocci, 2006: 61-66.

ISBN [9788843038152](#)

JOURNAL ARTICLES

38 Lumaca, M., Vuust, P., & **Baggio, G.**, Network analysis of human brain connectivity reveals neural fingerprints of a compositionality bias in signaling systems, *Cerebral Cortex* 32(8), 2022: 1704-1720.

DOI [10.1093/cercor/bhab307](#)

37 Bremnes, H. S., **Baggio, G.**, & Szymanik, J., Computational complexity explains neural differences in quantifier verification, *Cognition* 223, 2022: 105013.

DOI [10.1016/j.cognition.2022.105013](#)

36 Fritz, I., & **Baggio, G.**, Neural and behavioral effects of typicality, denotation and composition in an adjective-noun combination task, *Language, Cognition and Neuroscience* 37(5), 2022: 537-559.

DOI [10.1080/23273798.2021.2004176](#)

35 **Baggio, G.**, Compositionality in a parallel architecture for language processing, *Cognitive Science* 45(5), 2021: e12949.

DOI [10.1111/cogs.12949](#)

34 Lumaca, M., **Baggio, G.**, & Vuust, P., White matter variability in auditory callosal pathways contributes to variation in the cultural transmission of auditory symbolic systems, *Brain Structure and Function* 226, 2021: 1943-1959.

DOI [10.1007/s00429-021-02302-y](#)

33 van Rooij, I., & **Baggio, G.**, Theory before the test: How to build high-verisimilitude explanatory theories in psychological science, *Perspectives on Psychological Science* 16(4), 2021: 682-697.

DOI [10.1177/1745691620970604](#)

32 Olstad, A. M. H., Fritz, I., & **Baggio, G.**, Composition decomposed: Distinct neural mechanisms support processing of nouns in modification and predication contexts, *Journal of Experimental Psychology: Learning, Memory, and Cognition* 46(11), 2020: 2193-2206.

DOI [10.1037/xlm0000943](#)

31 Islam, F., & **Baggio, G.**, Kripkeans of the world, unite!, *Journal of Semantics* 37(2), 2020: 297-309.

DOI [10.1093/jos/ffaa001](#)

30 Fritz, I., & **Baggio, G.**, Meaning composition in minimal phrasal contexts: Distinct ERP effects of intensionality and denotation, *Language, Cognition and Neuroscience* 35(10), 2020: 1295-1313.

DOI [10.1080/23273798.2020.1749678](#)

29 Luzzi, S., Baldinelli, S., Ranaldi, V., Fiori, C., Plutino, A., Fringuelli, F. M., Silvestrini, M., **Baggio, G.**, & Reverberi, C., The neural bases of discourse semantic and pragmatic deficits in patients with frontotemporal dementia and Alzheimer's disease, *Cortex* 128, 2020: 174-191.

DOI [10.1016/j.cortex.2020.03.012](#)

28 Morgan, E., van der Meer, A., Vulchanova, M., Blasi, D. E., & **Baggio, G.**, Meaning before grammar: A review of ERP experiments on the neurodevelopmental origins of semantic processing, *Psychonomic Bulletin & Review* 27(3), 2020: 441-464.

DOI [10.3758/s13423-019-01677-8](https://doi.org/10.3758/s13423-019-01677-8)

Călinescu, L., Giskes, A., Vulchanova, M., & **Baggio, G.**, Embedding (im)plausible clauses in propositional attitude contexts: Modulatory effects on the N400 and late components, *Journal of Neurolinguistics* 53, 2020: 100877.

DOI [10.1016/j.jneuroling.2019.100877](https://doi.org/10.1016/j.jneuroling.2019.100877)

Martin, A. E., & **Baggio, G.**, Modelling meaning composition from formalism to mechanism, *Philosophical Transactions of the Royal Society B* 375(1791), 2019: 20190298.

DOI [10.1098/rstb.2019.0298](https://doi.org/10.1098/rstb.2019.0298)

Lumaca, M., Kleber, B., Brattico, E., Vuust, P., & **Baggio, G.**, Functional connectivity in human auditory networks and the origins of variation in the transmission of musical systems, *eLIFE* 8, 2019: e48710.

DOI [10.7554/eLife.48710](https://doi.org/10.7554/eLife.48710)

Michalon, O., & **Baggio, G.**, Meaning-driven syntactic predictions in a parallel processing architecture: Theory and algorithmic modeling of ERP effects, *Neuropsychologia* 131, 2019: 171-183.

DOI doi.org/10.1016/j.neuropsychologia.2019.05.009

Vulchanova, M., Milburn, E., Vulchanov, V., & **Baggio, G.**, Boon or burden? The role of compositional meaning in figurative language processing and acquisition, *Journal of Logic, Language and Information* 28(2), 2019: 359-387.

DOI [10.1007/s10849-019-09282-7](https://doi.org/10.1007/s10849-019-09282-7)

Lumaca, M., Haumann, N. T., Vuust, P., Brattico, E., & **Baggio, G.**, From random to regular: Neural constraints on the emergence of isochronous rhythm during cultural transmission, *Social Cognitive and Affective Neuroscience* 13(8), 2018: 877-888.

DOI [10.1093/scan/nsy054](https://doi.org/10.1093/scan/nsy054)

Lumaca, M., Ravnigani, A., & **Baggio, G.**, Music evolution in the laboratory: Cultural transmission meets neurophysiology, *Frontiers in Neuroscience* 12, 2018: 246.

DOI [10.3389/fnins.2018.00246](https://doi.org/10.3389/fnins.2018.00246)

Nowak, I., & **Baggio, G.**, Developmental constraints on learning artificial grammars with fixed, flexible and free word order, *Frontiers in Psychology* 8, 2017: 1816.

DOI [10.3389/fpsyg.2017.01816](https://doi.org/10.3389/fpsyg.2017.01816)

Lumaca, M., & **Baggio, G.**, Cultural transmission and evolution of melodic structures in multi-generational signaling games, *Artificial Life* 23(3), 2017: 406-423.

DOI [10.1162/ARTL_a_00238](https://doi.org/10.1162/ARTL_a_00238)

Cosentino, E., **Baggio, G.**, Kontinen, J., & Werning, M., The time-course of sentence meaning composition: N400 effects of the interaction between context-induced and lexically-stored affordances, *Frontiers in Psychology* 8, 2017: 813.

DOI [10.3389/fpsyg.2017.00813](https://doi.org/10.3389/fpsyg.2017.00813)

Lumaca, M., & **Baggio, G.**, Brain potentials predict learning, transmission and modification of an artificial symbolic system, *Social Cognitive and Affective Neuroscience* 11(12), 2016: 1970-1979.

DOI [10.1093/scan/nsw112](https://doi.org/10.1093/scan/nsw112)

Baggio, G., Granello, G., Verriello, L., & Eleopra, R., Formal semantics in the neurology clinic: Atypical understanding of aspectual coercion in ALS patients, *Frontiers in Psychology* 7, 2016: 1733.

DOI [10.3389/fpsyg.2016.01733](https://doi.org/10.3389/fpsyg.2016.01733)

Nowak, I., & **Baggio, G.**, The emergence of word order and morphology in compositional languages via multi-generational signaling games, *Journal of Language Evolution* 1(2), 2016: 137-150.

DOI [10.1093/jole/lzw007](https://doi.org/10.1093/jole/lzw007)

Baggio, G., Cherubini, P., Pischedda, D., Blumenthal, A., Haynes, J.-D., & Reverberi, C., Multiple neural representations of elementary logical connectives, *NeuroImage* 135, 2016: 300-310.

DOI [10.1016/j.neuroimage.2016.04.061](https://doi.org/10.1016/j.neuroimage.2016.04.061)

Moreno, M., & **Baggio, G.**, Role asymmetry and code transmission in signaling games: An experimental and computational investigation, *Cognitive Science* 39(5), 2015: 918-943.

DOI [10.1111/cogs.12191](https://doi.org/10.1111/cogs.12191)

- Brederoo, S., Bos, L. S., Dragoy, O., Bastiaanse, R., & **Baggio, G.**, Gamma oscillations as a neural signature of shifting times in narrative language, *PLoS One* 10(4), 2015: e0121146.
DOI [10.1371/journal.pone.0121146](https://doi.org/10.1371/journal.pone.0121146)
- Baggio, G.**, van Lambalgen, M., & Hagoort, P., Logic as Marr's computational level: Four case studies, *Topics in Cognitive Science* 7(2), 2015: 287-298.
DOI [10.1111/tops.12125](https://doi.org/10.1111/tops.12125)
- Fonseca, A., Boboeva, V., Brederoo, S., & **Baggio, G.**, Disrupting morphosyntactic and lexical semantic processing has opposite effects on the sample entropy of neural signals, *Brain Research* 1604, 2015: 1-14.
DOI [10.1016/j.brainres.2015.01.030](https://doi.org/10.1016/j.brainres.2015.01.030)
- Pavan, A., Skujevskis, M., & **Baggio, G.**, Motion words selectively modulate direction discrimination sensitivity for threshold motion, *Frontiers in Human Neuroscience* 7, 2013: 134.
DOI [10.3389/fnhum.2013.00134](https://doi.org/10.3389/fnhum.2013.00134)
- Pavan, A., & **Baggio, G.**, Linguistic representations of motion do not depend on the visual motion system, *Psychological Science* 24(2), 2013: 181-188.
DOI [10.1177/0956797612450882](https://doi.org/10.1177/0956797612450882)
- Baggio, G.**, Selective alignment of brain responses by task demands during semantic processing, *Neuropsychologia* 50(5), 2012: 655-665.
DOI [10.1016/j.neuropsychologia.2012.01.002](https://doi.org/10.1016/j.neuropsychologia.2012.01.002)
- Baggio, G.**, & Fonseca, A., Complex dynamics of semantic memory access in reading, *Journal of the Royal Society Interface* 9(67), 2012: 328-338.
DOI [10.1098/rsif.2011.0289](https://doi.org/10.1098/rsif.2011.0289)
- Baggio, G.**, & Hagoort, P., The balance between memory and unification in semantics: A dynamic account of the N400, *Language and Cognitive Processes* 26(9), 2011: 1338-1367.
DOI [10.1080/01690965.2010.542671](https://doi.org/10.1080/01690965.2010.542671)
- Baggio, G.**, Choma, T., van Lambalgen, M., & Hagoort, P., Coercion and compositionality, *Journal of Cognitive Neuroscience* 22(9), 2010: 2131-2140.
DOI [10.1162/jocn.2009.21303](https://doi.org/10.1162/jocn.2009.21303)
- Baggio, G.**, Processing temporal constraints: An ERP study, *Language Learning* 58(s1), 2008: 35-55. Reissued in ISBN 9781405185813.
DOI [10.1111/j.1467-9922.2008.00460.x](https://doi.org/10.1111/j.1467-9922.2008.00460.x)
- Baggio, G.**, van Lambalgen, M., & Hagoort, P., Computing and recomputing discourse models: An ERP study, *Journal of Memory and Language* 59(1), 2008: 36-53.
DOI [10.1016/j.jml.2008.02.005](https://doi.org/10.1016/j.jml.2008.02.005)
- Baggio, G.**, & van Lambalgen, M., The processing consequences of the imperfective paradox, *Journal of Semantics* 24(4), 2007: 307-330.
DOI [10.1093/jos/ffm005](https://doi.org/10.1093/jos/ffm005)

REVIEWS, COMMENTARIES AND EDITORIALS

- Baggio, G.**, Ronald J. Planer and Kim Sterelny, *From signal to symbol: The evolution of language*. Cambridge, MA: MIT Press, 2021, xx + 272 pp., *Language and Cognition*, 2022.
DOI [10.1017/langcog.2022.13](https://doi.org/10.1017/langcog.2022.13)
- Baggio, G.**, Book Review. Derek Ball & Brian Rabern (Eds.), *The Science of Meaning. Essays on the Metatheory of Natural Language Semantics*. Oxford University Press. Hardback, pp. 432 + vii, *Journal of Logic, Language and Information* 30(4), 2021: 819-823.
DOI [10.1007/s10849-021-09346-7](https://doi.org/10.1007/s10849-021-09346-7)
- Lumaca, M., Brattico, E., & **Baggio, G.**, Signaling games and music as a credible signal, *Behavioral and Brain Sciences* 44, 2021: e107.
DOI [10.1017/S0140525X20001016](https://doi.org/10.1017/S0140525X20001016)
- van Rooij, I., & **Baggio, G.**, Theory development requires an epistemological sea change, *Psychological Inquiry* 31(4), 2020: 321-325.

DOI [10.1080/1047840X.2020.1853477](https://doi.org/10.1080/1047840X.2020.1853477)

Baggio, G., Morten H. Christiansen & Nick Chater, *Creating Language: Integrating Evolution, Acquisition, and Processing*. Cambridge, MA: MIT Press, 2016. Pp. xiv + 330, *Nordic Journal of Linguistics* 43(1), 2020: 127-132.

DOI [10.1017/S0332586519000258](https://doi.org/10.1017/S0332586519000258)

Morgan, E., & **Baggio, G.**, *Language in Our Brain: The Origins of a Uniquely Human Capacity*, by Angela D. Friederici, *Journal of Language Evolution* 4(1), 2019: 78-81.

DOI [10.1093/jole/lzy009](https://doi.org/10.1093/jole/lzy009)

Baggio, G., Andrea Moro, *A brief history of the verb to be*. Cambridge, MA: MIT Press, 2018. Pp. xvi + 288, *Journal of Linguistics* 54(4), 2018: 910-914.

DOI [10.1017/S0022226718000373](https://doi.org/10.1017/S0022226718000373)

Lumaca, M., & **Baggio, G.**, Signaling games and the evolution of structure in language and music: A reply to Ravignani and Verhoef (2018), *Artificial Life* 24(2), 2018: 154-156.

DOI [10.1162/artl_a_00258](https://doi.org/10.1162/artl_a_00258)

Vulchanova, M., **Baggio, G.**, Cangelosi, A., & Smith, L., Editorial: Language Development in the Digital Age, *Frontiers in Human Neuroscience* 11, 2017: 447.

DOI [10.3389/fnhum.2017.00447](https://doi.org/10.3389/fnhum.2017.00447)

Baggio, G., & Bremnes, Jakub Szymanik, Quantifiers and Cognition. Logical and Computational Perspectives. Springer, 2016. Pp. xii + 211, *Studia Logica* 105(5), 2017: 1015-1019.

DOI [10.1007/s11225-017-9758-4](https://doi.org/10.1007/s11225-017-9758-4)

Baggio, G., & Vicario, C. M., Language processing is not a race against time, *Behavioral and Brain Sciences* 39, 2016: e64.

DOI [10.1017/S0140525X15000692](https://doi.org/10.1017/S0140525X15000692)

Baggio, G., Book Review: Cognitive Neuroscience of Natural Language Use, *Frontiers in Psychology* 6, 2015: 1527.

DOI [10.3389/fpsyg.2015.01527](https://doi.org/10.3389/fpsyg.2015.01527)

SELECTED PROCEEDINGS, WORKING PAPERS AND OTHER PUBLICATIONS

Baggio, G., Logic in psycholinguistics? In Stenning, K., & Stokhof, M. (eds.), *Rules, Regularities, Randomness. Festschrift for Michiel van Lambalgen*. Institute for Logic, Language and Computation, 2022: 17-21.

Cosentino, E., **Baggio, G.**, Kontinen, J., Garwels, T., & Werning, M., Lexicon in action: N400 contextual effect on affordances and telicity. In Bello, P., Guarini, M., McShane, M., & Scassellati, B. (eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Cognitive Science Society, 2014: 2079-2084.

Baggio, G., Perceptual adaptations and aftereffects as a way of testing embodied cognition, *Gottesteilchen der Sprache? Theorie, Empirie und die Zukunft sprachlicher Kategorien*. 36. Jahrestagung der Deutschen Gesellschaft für Sprachwissenschaft (DGfS), Philipps-Universität Marburg, 2014: 276-277.

Baggio, G., & Moratti, S., Brain imaging as a diagnostic and as a communicative tool in disorders of consciousness, *MWP Working Papers* 2013/04. European University Institute, 2013.

ISSN [1830-7728](https://doi.org/10.1017/9781107000000)

Baggio, G., & Fonseca, A., Phase space methods for the analysis of rapid cortical dynamics underlying human cognition, *International Journal of Psychophysiology* 85(3), 2012: 302-303.

DOI [10.1016/j.ijpsycho.2012.06.038](https://doi.org/10.1016/j.ijpsycho.2012.06.038)

Baggio, G., *Semantics and the Electrophysiology of Meaning: Tense, Aspect, Event Structure*. Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, 2009.

ISBN [9789090239699](https://doi.org/10.1017/9781107000000)

Baggio, G., *Two ERP Studies on Dutch Temporal Semantics*. Institute for Logic, Language and Computation, University of Amsterdam, 2004.

Baggio, G., *Ludwig Wittgenstein: le considerazioni sul seguire una regola e la filosofia della matematica*. Department of Philosophy, University of Pavia, 2002.

DISSEMINATION, OPINIONS AND INTERVIEWS

- 7 Fundamental forces of the mind, *Babel* — *The Language Magazine* 29, 2019: 30-36.
6 Norway puts plans for ‘corporate’ universities on ice.
URL timeshighereducation.com
5 Il senso per la musica, *Le Scienze* — *Mente & Cervello* 147, 2017: 95-101.
4 We should offer training in quantitative methods to all humanities students.
URL universitetsavisa.no
3 Premiare il potenziale di crescita, non solo la produttività media dei dipartimenti universitari.
URL archivio.eticaeconomia.it
2 Nordic higher education in decline?
URL timeshighereducation.com
1 Universities need a REF that rewards potential.
URL timeshighereducation.com

Presentations

CONFERENCES, WORKSHOPS AND SYMPOSIA

- 2022 *3rd Joint Meeting of the Society for Philosophy and Psychology & the European Society for Philosophy and Psychology*, Symposium on Compositionality, University of Milan
2022 *What Makes a Good Theory? Interdisciplinary Perspectives*, Lorentz Center Leiden
2022 *ERIM Research Transparency Campaign*, Erasmus University Rotterdam
2021 *Neurobiology of Language: Key Issues and Ways Forward*, Max Planck Institute for Psycholinguistics
2021 *The Future of Linguistics*, Max Planck Institute for Psycholinguistics
2019 *Processing Tense: Linguistic Theory Meets Empirical Evidence*, University of Tübingen
2019 *International Brain and Syntax Think Tank*, Northwestern University
2019 *Compositionality in Brains and Machines*, Lorentz Center Leiden
2019 *Conditional Logics and Conditional Reasoning: New Joint Perspectives*, Leibniz Center for Informatics
2017 *Cognitive Semantics and Quantities*, University of Amsterdam
2015 *Semantics and Philosophy in Europe*, University of Cambridge
2015 *5th Conference of the Scandinavian Association for Language and Cognition*, Norwegian University of Science and Technology
2014 *Deutsche Gesellschaft für Sprachwissenschaft*, University of Marburg
2013 *Investigating Semantics: Empirical and Philosophical Approaches*, Ruhr University Bochum
2011 *3rd Workshop on Semantic Processing, Logic and Cognition*, University of Tübingen
2011 *International Symposium of Psycholinguistics*, Basque Center on Cognition, Brain and Language
2010 *Psycholinguistics Across the Borders*, University of Trento
2009 *SiNAPSA Neuroscience Conference*, University of Ljubljana
2007 *Workshop on Deduction in Semantics*, University of Stuttgart
2007 *The Second A. Giiora Annual Roundtable Conference in the Cognitive Neuroscience of Language*, Max Planck Institute for Psycholinguistics
2007 *Brain Mechanisms and Cognitive Processes in the Comprehension of Discourse*, Lorentz Center Leiden
2006 *5th Dutch Endo-Neuro-Psycho Meeting*, Doorwerth
2005 *Workshop on Semantic Processing, Logic and Cognition*, University of Tübingen
2005 *Amsterdam Psycholinguistics Forum*, University of Amsterdam

GUEST LECTURES AND SEMINARS

- 2022 Department of Chinese and Bilingual Studies, Hong Kong Polytechnic University
2022 Department of Philology, Literature and Linguistics, University of Pisa
2021 Department of Foreign Languages, University of Bergen

2020	Language in Interaction Consortium, Radboud University Nijmegen
2019	Center for Multilingualism in Society across the Lifespan, University of Oslo
2015	Kavli Institute for Systems Neuroscience, Norwegian University of Science and Technology
2014	Department of Cognitive Neuroscience, Maastricht University
2013	Department of Psychology, University of Tromsø
2012	Center for Language and Cognition Groningen, University of Groningen
2012	Institute of Cognitive Science, Osnabrück University
2012	Faculty of Linguistics, Philology and Phonetics, University of Oxford
2012	Stuttgart Research Focus Language and Cognition, University of Stuttgart
2011	Department of Philosophy, Ruhr University Bochum
2011	Department of Modern Foreign Languages, Norwegian University of Science and Technology
2010	Center for Language and Cognition Groningen, University of Groningen
2010	Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia
2010	Centro Interdipartimentale Mente e Linguaggio, University of Trieste
2009	Department of Philosophy, University of Pavia
2008	Human Communication Research Centre & School of Informatics, University of Edinburgh
2005	Department of General and Computational Linguistics, University of Tübingen

Professional service

ORGANIZATION AND MANAGEMENT OF EVENTS AND CURRICULA

2016-2021	Organizer of courses, seminars and visiting lectures for the Norwegian Graduate Researcher School in Linguistics and Philology, Norwegian University of Science and Technology
2018	Local organizing committee of the workshop <i>Representing and Recreating the World: Perspectives from Cognition and Neurobiology</i> , December 7, Norwegian University of Science and Technology
2018	Local organizing committee of the workshop <i>Towards Mechanistic Models of Meaning Composition</i> , October 11-12, Norwegian University of Science and Technology
2018	Local organizing committee of the workshop <i>AttLis 2018 – The Attentive Listener in the Visual World</i> , August 29-30, Norwegian University of Science and Technology
2017	Local organizing committee of the workshop <i>Prior Structure in Language Acquisition</i> , August 31-September 1, Norwegian University of Science and Technology
2016	Local organizing committee of the <i>Language and Perception International Conference</i> , June 13-16, Norwegian University of Science and Technology
2015	Local organizing committee of the <i>5th Conference of the Scandinavian Association for Language and Cognition</i> , August 19-21, Norwegian University of Science and Technology
2010-2014	Cognitive Neuroscience PhD curriculum manager, International School for Advanced Studies

NETWORKS, CONSORTIA AND RESEARCH SCHOOLS

2022-	Neurolinguistics in Sweden, Centre for Languages and Literature, Lund University
2016-	Norwegian Research School in Neuroscience, Norwegian University of Science and Technology
2014-2021	Norwegian Graduate Researcher School in Linguistics and Philology
2012-2014	Evolution of Semantic Systems, Max Planck Institute for Psycholinguistics

ACADEMIC SOCIETIES

2019-	Royal Norwegian Society of Sciences and Letters
2019-	Scandinavian Association for Language and Cognition (Governing Board)
2019-	Cognitive Science Society
2017-	Society for the Neurobiology of Language
2017-	Norwegian Neuroscience Society & Federation of European Neuroscience Societies

REFEREEING

Article reviewer for *Applied Psycholinguistics*, *Behavioral and Brain Functions*, *BMC Neuroscience*, *Brain & Language*, *Brain Research*, *Cerebral Cortex*, *Cognition*, *Cognitive Psychology*, *Cognitive Science*, *Collabra*, *eNeuro*, *Experimental Brain Research*, *Frontiers in Cognition*, *Frontiers in Psychology*, *Journal of Cognitive Neuroscience*, *Journal of Cultural Cognitive Science*, *Journal of Experimental & Theoretical Artificial Intelligence*, *Journal of Experimental Psychology*, *Journal of Language Evolution*, *Journal of Memory and Language*, *Journal of Neurolinguistics*, *Journal of Semantics*, *Language, Cognition and Neuroscience*, *Memory & Cognition*, *Mind & Language*, *Minds and Machines*, *Neurobiology of Language*, *Neurocomputing*, *Neuropsychologia*, *Neuroscience & Biobehavioral Reviews*, *Perception*, *Philosophical Transactions of the Royal Society B*, *PLoS One*, *Psychological Research*, *Psychonomic Bulletin & Review*, *Proceedings of the National Academy of Sciences*, *Scientific Reports*, *Synthese*, *Theory & Psychology*, *Topics in Cognitive Science*

Book proposal reviewer for Oxford University Press, MIT Press, Springer

Grant proposal and fellowship reviewer for the National Science Foundation (NSF), the European Research Council (ERC), the Dutch Research Council (NWO), the German Research Foundation (DFG), the National Science Centre Poland (NCN), Academia Sinica

Further training

2020-2021	Utviklingsprogram for forskergruppeladere, Norwegian University of Science and Technology
2019	PhD Supervisor Seminar, Norwegian University of Science and Technology
2019	fNIRS with ISS Imagent II, Norwegian University of Science and Technology
2017	Pedagogisk utviklingsprogram, Norwegian University of Science and Technology
2017	PhD Supervisor Workshop, Norwegian Research School in Neuroscience & Digital Life Norway
2015	Eye-tracking with Tobii Pro Glasses 2, Norwegian University of Science and Technology
2014	Eye-tracking with EyeLink 1000, Norwegian University of Science and Technology
2013	Functional Magnetic Resonance Imaging, University Hospital Udine
2007	19th European Summer School in Logic, Language and Information, Trinity College Dublin
2005	17th European Summer School in Logic, Language and Information, Heriot-Watt University
2005	Advanced MEG/EEG Toolkit, Donders Centre for Cognitive Neuroimaging
2003	Human Reasoning and Cognitive Science Summer School, University of Amsterdam
2003	Toolkit of Cognitive Neuroscience, Donders Centre for Cognitive Neuroimaging
2001	Istituzioni di Logica, Collegio Ghislieri, University of Pavia

Languages

Italian, English, French, Norwegian, Dutch

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